GAZETTE: COMMERCIAL RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1070 - Vol. XXVI.]

Fra. 23, 1830

LONDON, SATURDAY, FEBRUARY 23, 1856.

STAMPED SIXPENCE. UNSTAMPED ... FIVEPENCE.

R. JAMES CROFTS, MINING AND SHAREBROKER,
No. 1, FINCH LANE, CORNHILL, LONDON, TRANSACTS BUSINESS,
both in BUTING and SELLING, for immediate cash.
DIVIDEND MINES, well selected, are the best of any known investments—paying from 15 to 20 per cent. per annum in dividends. The choice of NON-DIVIDEND
MINES for speculation requires perfel discrimination.
Mr. Caorrs is a BUYER or SELLER of the following:—Alfred Consols, Bedford
United, South Tamar, Wh. Wrey, Sortridge Consols, Lybridge, North Basset, West
Basset, Trewetha, Whesi Hender, Rosewarne, Wheal Edward, San Pernando, West
Providence, North Buller, Wheal Kitty (St. Agney), Throroft, Wheal Uny, Mill Pool,
Fort Bowen, Lelant Consols, Wheal Kitty (Edant), East Gunnis Lake, Lamheroce,
Vale of Towy, Tamar Consols, East Russell, Byrjodrd Holl, Wheal Russell, Spearne
Consols, Collacombe, St. Austell Consols, Wh. Emma (Buckfastleigh), Herward United.

MR. JAMES LANE, No. 29, THREADNEEDLE STREET, is a BUYER of sheba, Rosewarne, East Rose, North Frances, Bryntail, Swan-pool, Zion, Tremayne, Botallack, Trelawny, Alfred Consols, &c. Pob. 25, 1856.

OTICE OF REMOVAL.—Mr. PETER WATSON has REMOVED from 37, Old Broad street to 57, THREADNEEDLE STREET, see to the Stock Exchange.

DIVIDEND MINES, well selected, are the BEST of any known INVESTMENT, and which are now paying from 20 to 30 per cent. per annum (in dividends every two or three months). NON-DIVIDEND MINES require a judicious selection also, and careful discrimination; this particular stock frequently advances FIVE HUNDERD per cent. and upwards.

Mr. PETER WATSON, SHARE DEALER, AND GENERAL COMMISSION AGENT, from the 11 years' experience he has had in every department of mining, and in the management of mines, and an extensive connection with mine agents and others in Corawall and Devon, enables him to judge of and select mines of intrinsic value. Mr. PETER WATSON, being a Member of the Mining Exchange, will forward a list of prices when required.

57, Throatheedic-street, London, Feb. 22, 1856.

MESSRS. C. H. J. GEDDES, W. BURGAN, AND CO., MINING AGENTS, beg to inform their friends and the public that they are DEALERS in MINING SHARES, both DIVIDEND-PAYING and PROGRESSIVE, and in all PROPERFIES relating to MINES; and they offer gratuitou-ly information relating to such properties, which Mr. Burgan, from his practical knowledge, extensive connections, and long residence in Cornwall, is fully competent to supply. They also TRANSACT BUSINESS in GOVERNMENT SECURITIES, at regular charges, and in all JOINT-STOCK COMPANIES and OTHER SHARES.

Parges, and in all JOINT-STOCK COMPANIES and OTHER SHARES.

M ESSES. C. H. J. GEDDES. W. BURGAN, AND have OPENED AN OFFICE at No. 80, GRACECHURCH STREET, Convolution, 100 Laily Bertha.

Carew United.

50 Catherine and Jane Consols.

Dyfagwm.

Rhoswydol and Bacheiddon.

Great Sheba Consols.

60 Past Hajamanning.

50 East Halamanni TR. GEORGE BUDGE of 19, ROYAL EXCHANGE, LONDON, has SHARES FOR SALE at the following prices:—viz., Alfred Consols, 217; Bedford United, £10%; Buller and Basset United, £3; Boringdon Consols, 12s. 6d.; Clijah and Wentworth, £19%; Caradon Consols, £4%; Ess Alfred, 6.3 skr; Fort Bowen, 3s. 9d.; Gawton United, £1; Great Alfred, £34; Great Sheta, £5; Hawkmoor, 10s.; lvybridge, £1%; Lady Bertha, £1%; Ludoott, £1%; Molland, 1s. 9d.; Marke Valley, £34; Rorrington, 1s. 9d.; Sortridge and Bedford, 3s.; Sortridge Consols, £34; Tess Nice, 10s.; Tincroft, £5%; Tamar Consols, £34; Treswith, £3%; Wheal Kitty (St. Agnes), £24; West Frances, £30; Wheal Zion, £1%; West Fortridge, 4s. 6d.; Wheal Uny, £36; Wheal Arthur, £34; Wheel Edward, £54; Wh. Langford, 5s.; Wh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £569; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £369; Wh. Buller, £369; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £369; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Mh. Buller, £369; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £18; Tron Head, £36; Wh. Russeil, £14; Wh. Emma, £1

NOTICE OF REMOVAL.—Mr. GEORGE SPRATLEY begs to inform his friends that he has REMOVED from Winchester-buildings to 5.0 LD BROAD STREET, CITY.

CEORGE SPRATLEY has FOR SALE, at LOWER PRICES than

Mitherto offere O Great Alfred. O West Grenville. O Carnewas. 5 South Buller. 5 Pendeen. 2 East Wheal Rose. O Boiling Well.

Boiling Well, East Margaret. Botallack.

Gilmar. North Frances. Pedn-an-drea. East Basset.

Boscean. Grenville. Welsh Potosi. Carew United. WANTED— East Pool, Wheal Marga

2 Wheal Margaret.
200 San Fernando.
Full particulars, with prices, may be obtained personally, or by letter.
35, Old Broad-attreet, London.

10 West Stray Park.
20 Tavy.
20 Tavy.
2 West Frances.
20 South Grenver.
100 East Wheal West,
20 Ciljah and Wentwo
100 Molland.
100 Vale of Towy.
10 North Basset.
2 Wheal Trelawny.
20 Tineroft.
3 Frovidence Mines.
10 Stray Park.
10 South Tamar.
10 Great Wheal Vor.

100 West Collacombe.
30 La ty Bertha.
20 Builer and Basset.
5 West Alfred.
10 Kitty (Lelant).
30 Treweths.
10 Great Wheal Fortuns.
20 Gargoll.
5 Wheal Wrey.
10 East Builer.
10 Hingston.
5 Wheal Uny.
20 Sortridge Consols.
1 West Providence.
1 South Caradon.
16 Alfred Consols.
20 South Condurrow.

50 Wheal Russell. 10 Spearne Consols. 200 San Fernando.

MR. HENRY GOULD SHARP, No. 4, CUSHION COURT, OLD BROAD STREET, LONDON, DEALS in all the DIVIDEND and PROGRESSIVE MINES, both ENGLISH and FOREIGN; and has SHARES FOR MALE in the following MINES, at the undermentioned (nest cash) prices:—

BALK in the following MINES, at the undermentioned in Affred Consols, £16½.

Brynteil £6½.
Botallack, £230.
Bedford United, £10½.
Brynford Hall, £5½.
Brynford Hall, £5½.
Brynford Hall, £5½.
Brynford Hall, £5½.
Brynford Consols, 55.
Mill Pool, £5½.
Molland, 1s. 6d.
North Robert, £306.
North Robert, £306.
North Robert, £306.
North Buller, £7½.
North Buller, £7½. Carrannall, £10.
Carnewas, 10s.
Carnewas, 10s.
Cern Cwm Brwyno, £90.
Carrawas, 10s.
Cern Cwm Brwyno, £90.
Carvath United, £63.
Devon Burra Burra, £3.
Devon Wh. Bailer, £2 9s.
East Gunnis Lake, £4 15s.
East Wheat Wrey, 6s. 3d.
East Wheat Wrey, 6s. 3d.
East Wheat Wrey, 6s. 3d.
East Wheat Wor, 10s. 6d.
East Bassert, £43 ½.
East Wheat Rose, £70.
East Buller, £65s.
East Burler, £65s.
East Burler, £65s.
East Burler, £65s.
Cayton United, £2s.
Crain, and St. Aub., £126¼.
Great Wh. Baddern, 17s. 6d.
Great Sheba, £7½.
Great Wh. Baddern, 17s. 6d.
Great Sheba, £7½.
Great Sortridge, 4s. 34.
WANTED, 6r any part of 10 Wh.

Nantees and Penr., £148.
North Buller, £7½.
North Hosewarne, £½.
North Frances, £10½.
North Tower, 52.
North Unity, 24s.
North Unity, 24s.
North Wh. Trelawny, 28s.
Otkel Tor, £4½.
Par Consols, £10½.
Padn-an-dren, £2½.
Rosewarne United, £124.
Rosewarne United, £124.
Rosewarne Consols, £3a.
Rorrington, is, 3d.
South Crimis, £315.
Sortridge Consols, £4.
South Tamar, £6%.
South Tamar, £6%.
South Garras, £126½.
South Garras, £126½.
South Garras, £25½.
South Carn Brea, £5%.
South Frances, £375.

3N; and has SHARES FOR (actic eash) prices:—
(actic eash) prices:—
S. Bull. &W. Penstru.,£1¾.
Trewetha,£3½.
Trevetha,£3½.
Trechae,£3½.
Trechae,£4¾.
Treshol,£3½.
Trencof,£3½.
Trencof,£3½.
Trechae,£4¾.
Treshol,£3½.
Treshol,£3½.
Treshol,£3½.
United Mines,£2±0.
Vale of Towy, 27a.
West Basset,£36½.
West Barct,£36½.
West Barct,£36½.
West Far Consols, 10s. 6d.
West Providence,£15.
West Frances,£32.
West Airted,£13½.
Wheal Crebor, 10s.
Wheal Crebor, 10s.
Wheal Hender,£3½.
Wheal Hender,£5½.
Wheal Surprise,5s.

WANTED, or any part of—
10 Wh. Tremayne, 25%.
30 Calstock Consols, 22%,
10 Swanpool, 22.
20 Swanpool, 22.
21 Swanpool, 22.
22 Swanpool, 22.
23 Swanpool, 22.
24 Swanpool, 25.
25 Hedford United, £10.
30 Calstock Consols, £2%,
30

EORGE MOORE, No. 1, CROWN COURT, THREADNEEDLE Although GEORGE MOORE has discontinued, for the present, attaching prices to shares which he has for sale, yet he is prepared to deliver them at LOWER PRICES than elsewhere advertised; and any principal of undoubted respectability can have shares registered previous to payment. And in any transaction in which GROBE MOORE is the buyer, he will give cash on receipt of transfer.

For the convenience of any principal who may be unacquainted with the daily fluctuation of mining shares, GROBE MOORE WILL BUY or SELL in the Mining Exchange for 3½ per cent, commission, and will give the buyer or seller's name in the contract. GROBE MOORE MOORE will give the buyer or seller's name in the contract.

uring the present year.

Business transacted in every description of British and Foreign Mines

MR. JOSEPH JAMES REYNOLDS, STOCK AND SHARE-BROKER, No. 21, THREADMENDLE STREET, LONDON.

Mr. RETWOLDS continues to TRANSACT BUSINESS in BRITISH and FOREIGN STOCKS, FUNDS, and SECURITIES, BRITISH and FOREIGN BAILWAY SHARES, DEBENTURES, &c. Also, in ENGLISH, IRISH, SCOTCH, and FO-REIGN MINING SHARES.

MESSRS. POWELL AND COOKE, DEALERS IN MINING SHARES, No. 8, HERCULES CHAMBERS, OLD BROAD STREET. CONDON.—The above continue to DEAL in the SHARES of all the leading DIVIDEND and good PROGRESSIVE MINES.—Feb. 23, 1856.

M. R. E. GOMPERS, No. 98, GRACECHURCH STREET, has RUSINESS TO TRANSACT in most of the leading DIVIDEND and PROGRESSIVE MINES. Also, in Life, Fire, Maritime Insurance, Steam Navigation various Gas Companies, and various Joint-Stock Companies' Shares, returning regular dividends.

NOTICE OF REMOVAL.—Mr. J. A. JOSEPH has REMOVED from 3, Winchester-buildings to 122, BISHOPSGATE STREET WITHIN.

R. R. EMERSON, SHARE DEALER,
3. COTTHALL BUILDINGS, THROGMORTON STREET, LONDON.
BUSINESS TRANSACTED in DIVIDEND and PROGRESSIYE MINES, BRITISH and FOREIGN RAILWAYS, and every other description of STOCK.

M. HY. SIBLEY, STOCK, SHARE, AND MINING AGENT, 4, BIRCHIN LANE, CORNHILL.

MR. T. TYACK, MINE SHAREBROKER, AUCTIONEER, &c.

MR. WM. SIMS, MINING SHAREBROKER AND GENERAL COMMISSION AGENT, REDRUTH, CORNWALL.

MR. M. W. BAWDEN, MINE BROKER, GENERAL ASSAYER AND COMMISSION AGENT, LISKEARD, CORNWALL.

MR. R. W. JENKIN, GENERAL ASSAYER

MR. BICHARD MICHELL'S MINING, AUCTION, AND GENERAL COMMISSION AGENCY OFFICES, PORE STREET, REDRUTH.

Mines inspected, and information punctually furnished.

MR. W. H. BRUMBY, STOCK AND SHAREBROKER, 1, QUIET STREET, BATH.

BUSINESS TRANSACTED in every class of MINING PROPERTY.

WANTED.—West Polberro, Bryntail, Alfred Consols, Boscean, Wheal Zion, and Grambler and St. Aubyn.

MINING OFFICES, UNY LELANT, HAYLE, CORNWALL.—
Mr. THOMAS TERWEEKE begate inform his friends and the mining public generally, that he has COMMENCED BUSINESS at the above address as a SHARE-DEALEK and ERNERAL COMMISSION AGENT; and treats by strict attention the interests of those who may favour him with their orders to merit a share of their patronage. Mr. Tarwerker fatters himself that being in daily communication with the best mining authorities of the day, and having had very considerable experience in practical mining, he is in a position to offer more than ordinary advice as to what mines in which one should invest, or otherwise.—Uny Lelant, Feb. 22, 1856.

THOMAS EDINGTON, PURCHASER AND INSPECTOR OF CASTINGS ON COMMISSION, 17, GORDON STREET, GLASGOW. MR. ADAM MURRAY, CONSULTING MINING ENGINEER

(APT. THOMAS DUNN, of TAVISTOCK, undertakes to INSPECT, REPORT, and SURVET any MINES or MINERAL PROPERTY in ENGLAND, IELLAND, SCOTLAND, or WALES. No objection to take the management of any mine or mines in the neighbourhood of Tavistock.

R. W. MICHELL, COMMISSION AGENT and DEALER in BRITISH MINES, is always in a position to BUY or SELL in most DIVI-DEND MINES, as well as NON-DIVIDEND MINES, where the prospects are such as will lead to early dividends. Gratuitous advice given on personal application, or by letter.

as will lead to early dividends. Gratuitous by letter.

W. MICHELL, having returned, after his several inspections of mines in Devon and W. MICHELLING STREET, and STREET, and

Cornwall, is now prepared to ADVISE HIS PRIENDS the desirability of SELLING or PURCHASING STOCK, by the future prospects of the mine.

W. MICHLEL, being the only commission agent a practical miner, and who makes periodical inspections of the mines, has better opportunities of advising his friends than any other commission agent in London,

2, Crown-court, Threadneedle-street, London, Feb. 23, 1856.

MR. LELEAN, 4, CUSHION COURT, OLD BROAD STREET, LONDON.—BUSINESS TRANSACTED in every description of BRITISH STOCKS, FUNDS, and SECURITIES; also, BRITISH and FOREIGN MINES.

MINE SHARES FOR SALE.—10 Alfred Consols, £15; 10 Bedford MINE SHARES FOR SALE.—10 Alfred Consols, £16; 10 Bedford, £10; 2 Botallack, £225; 4 Comfort, £5½; 1 Condurrow, £140; 1 Devon Consols, £400; 2 Dolconth, £123; 10 East Wheal Margaret, £11½; 2 Fowey Consols, £23; 3 Gonamena, £27½; 150 Great Vor, £½; 10 Marke Valley, £4½; 100 Nether Hearth, 25s.; 1 North Fool, £10; 1 North Roskoar, £100; 5 North Basset, £42½; 5 Par Consols, £20; 3 Rosewarne, £120; 20 Sortridge Consols, £30; 25 South Caradon, £305; 1 South Crimis, £315; 1 South Tigue, £150; 1 South Wheal Frances, £370; 10 Tamar Consols, £31; 51 Tineroft, £3½; 1 Treaswan, £200; United Mines, £225; 10 Vale of Towy, 27s. £d.; West Basset, £36; West Caradon, £135; West Damel, £75; 5 West Providence, £16; West Mesl Seton, £323; Wheal Busset, £400; Wheal Buller, £575; 5 Wheal Charlotte, £74; Wheal Clifford, £450; 10 Wh. Kitty (Lelant), £10½; 1 Wheal Margaret, £150; 7 Wheal Clifford, £450; 10 Wh. Kitty (Lelant), £10½; 1 Wheal Margaret, £150; 7 Wheal Margaret, £150; 5 Wheal Temanyne, £6; 10 Wheal Wrey, £11; 5 Boiling Well, £15½; 10 Bryntall, £7½; 50 Buller and Basset, £23½; 100 Carnewas, 5s.; 10 Carvannall, £10; 5 Clijah and Wentworth, £16; 5 East Bosset, £47½; 10 East Buller, £6½; 2 Derat Down, £25; 2 East Wheal Rese, £67½; 1 Grant Meal Alfred, £4½; 10 Vybridge, £1½; 200 Molland, 1s. £6d.; 10 North Buller, £5½; 10 Bouth Cremer, 25s.; 100 West Sortridge, 5s.; 5 Wheal Ludcott, 35s.; 1 or 2 Great Cambrian Gold, £112½.

Mr. Letan has also FOR SALE a valuable CHINA CLAY SETT, adjoining the Carolage Clay Work, in the parish of St. Austell, Cornwall, for £100 nett cash. This socnoidered a great bargain.

Carclage Clay Work, in the parish of St. Austell, Cornwall, for £100 nett cash. This is considered a great bargain.

WANTED, the following, or any part of them: -50 Swanpool, £35; 50 West Par, 8s.; 100 Lydford, 2s.; 100 South Cuddra, 10s.

Mr. Lekear particularly desires that the sumber and price of shares may be inserted in the orders for the purchase and sale; and that such orders are sent on Thursday, to ensure their insertion in his list the Saturday following.

4, Cushion-court, Old Broad-street, Fob. 22, 1856.

M.E. LELEAN, Mine Share Dealer.

A. Cusnion-court, Old Broad-street, Feb. 22, 1856.

MINING INVESTMENT, &c.—The large amount of capital invested, and the great want of facility for conducting the sale and purchase of stock, has induced us to OFFER OUR SEAVICES to capitalists and others, being in daily communication with practical men in all parts of the country, who have the means of obtaining the most correct information upon the principal mines in Devon, Cornwall, and Wales. There can be no douk that mining securities afford to the capitalist a safe and profitable source of investment, many of which, by a careful selection, will ensure a return of from 15 to 30 per cent. for many years to come; otherw of a progressive character hold a promise of Gereased value, and of becoming a lasting and dividend property.

Mesers, FULLER and CO., 51, THREADNEEDLE SERVED.

of a progressive character hold a promise of agreement value, and dividend property.

Messrs. FULLER and CO., 51, THREADNEEDLE STREET, LONDON, respectfully TENDER THEIR SERVICES in TRANSACTING any BUSINESS, or obtaining any information, connected with MINING, BANKING, or RAILWAY SECURITIES; and any orders confided to their cars will receive the best attention.

Office Hours from ten till Five.

FLETCHER AND CO., RAILWAY, MINING, INSURANCE, AND GENERAL SHAREBROKERS, 163, WOODHOUSE LANE, LEEDS.

VALUABLE DIVIDEND AND OTHER MINING SHARES FOR SALE.

1 Wheal Buller, paying £20 dividend bi-monthly.

1 South Frances, paying £10 dividend bi-monthly.

1 Wheal Basset, paying £12 10s, dividend bi-monthly.

1 West Seton, paying £6 dividend bi-monthly.

1 West Seton, paying £6 dividend bi-monthly.

1 Woese Seton, paying £6 dividend bi-monthly.

1 Wheal Clifford.

2 United Mines, paying £2 dividend bi-monthly.

1 Wheal Clifford.

5 East Tolgus.

10 West Tolgus.

10 For Brayno.

5 Mount's Bay.

10 Boiling Well.

4 Lebant Consols.

5 Trewetha.

10 Wests Potosi.

3 South Crenver.

10 Wests Potosi.

3 South Crenver.

10 Wests Potosi.

10 Wests Potosi.

10 Wests Potosi.

10 Wests Potosi.

11 R. T. P. THOMAS is instructed to SELL the above valuable SHARES, BY PUBLIC AUCTION, at Garraway's Coffee House, Change-alley, Cornhill, London, on Wednesday, the 27th day of February inst., at One o'clock precisely.—Catalogues and further particulars to be had at the office of the auctioneer.

75, Old Broad-street; and at Garraway's. VALUABLE DIVIDEND AND OTHER MINING SHARES FOR SALE.

FOR SALE, 1720 (20,000ths) PARTS, OR SHARES, IN TASSAN LEAD MINE, IRELAND. FORFEITED "OR NON-PAYMENT OF CALL.

M. R. T. P. THOMAS has been favoured with instructions to SELL, By PUBLIC AUCTION, at Garraway's Coffee House, Change-alley, Cornhill, London, on Wednesday, the 27th day of February inst., at One o'clock precisely, the above valuable SHARES, which he can confidently recommend to the public as a speculation of great promise.

Catalogues and further particulars may be had of the secretary, Thomas Haion, Esq., Savings' Bank, Bradford, Yorkshire; of the auctioneer, 75, Old Broad-street, London; and at Garraway's.

COBALT AND NICKEL.—HENRY MERRY, REFINER AND PURCHASER OF COBALT AND NICKEL ORES, and ASSAYER IN GENERAL.—Address, LEE CRESCENT, BIRMINGHAM.

ICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, MILL STREET, BROAD STREET, BIRMINGHAM.—STEPHEN HARKER begs to inform the Trade that he has the following articles for sale:—REFINED METALLIC NICKEL. OXIDE OF COBALT. (WIRE, &c. REFINED METALLIC BISMUTH. GERMAN SILVER.—IN INGOTS, SHEET, NICKEL AND COBALT OR28 PURCHASED.

TREENSIDE LEAD MINE.—WANTED, an AGENT, thoroughly qualified to take the GENERAL MANAGEMENT of this mine; he will be required to reside at Patterdale, or the neighbourhood. A liberal salary will be given.—Applications to be addressed to M. RIMINOTON, Esq., Penrith.

SILVER-LEAD AND ZINC MINE.—The ADVERTISER wishes some one to JOIN HIM in an UNDERTAKING to WORK a LEAD and ZINC MINE. There are several rich lodes cropping out at surface, and the privilege extends over more than 200 acres, none of which have been worked. The advantages are great, and the capital required not large.—For particulars, enquire of Joseph FROMSELL, Edg., Willenhall, Staffordshire.

TO CAPITALISTS.—A DESIRABLE OPPORTUNITY presents tiself for any person willing to invest from £200 to £300 in TESTING and bringing into use an INVENTION relating to NAVIGATION, which could not fail to be generally adopted on its merits becoming known. The profits would be almost fabulous, whilst it is so easy of application, that no difficulty on that point is anticipated.—For further information, address "J. M.," care of L. F. Colas, Esq., 105, Cheapside, London.

TO IRONMASTERS, &c.—WANTED, a SITUATION as ROLL TURNER, by a person who has had great experience in making rails and all kinds of bar iron at some of the principal works in South Wales.—Apply, "S. B.," Mr. Benjamin While, roll turner, Dowlais Ironworks, Glamorganshire.

TO TIN-PLATE MANUFACTURERS .- A GENTLEMAN, who for several years past, has been engaged in the manufacture of charcoal iron and tin-plates, would be glad to UNDERTAKE the ENTIRE MANAGEMENT of a CHARCOAL, FORGE, and TIN WORKS.—Address, "Box 29," Post-office, Newport, Monmouthshire.

THE ADVERTISER, a MILLWRIGHT and ENGINEER (Age 30), wishes for a RE-ENGAGEMENT. Has been nearly four years as engineer and general workwan to the Colonial Gold Company, Rotherhithe. Is well acquainted with making crushing, usualignmating, and assaying apparatus. Unexceptionable references as to character and ability can be given.—Address, "W. S.," 132, Rotherhithe-street, Rotherhithe, London.

WANTED, a PARTNER, who can command from £3000 to £5000, to JOIN a PRACTICAL MAN in a SUIT of COLLIERIES, the take of which contains a very extensive and valuable field of coal. This will be found an unquestionable opportunity for any one who possesses the requisite capital.—Address, "No. 3, King Coal," Post-office, Stockport.

METALLURGIST AND GENERAL ASSAYER.—A GENTLE-MAN, having had many years' experience in lead and zinc smelting, and in the extraction of gold and silver from their ores, both by amalgamation and reduction process, and who is competent to build the most approved furnaces required for this purpose, is desirous to UNDERTAKE the MANAGEMENT of such a CONCERN in this country, or to go abroad. Unexceptionable reference can be given. The advertiser also speaks French, German, and Spanish fluently.—Address, "Metallurgist and Assayer," Mining Journal office, 26, Fleet-street, London.

ON SALE, a QUANTITY of NEW WIRE ROPE, 1 in. diameter, about 1100 yards, in two lengths; weight per fm. 7½ lbs. The above is of the best manufacture, and will be sold a bargain,—Address, "A. D.," Mining Journal office, 26, Fleet-street, London.

ON SALE, a 20 tons FLY-WHEEL, 20 ft. diameter, with wroughtiron shaft 816 feet long, and bearings 12 in. diameter,—Address, "A. D.,"

TEAM ENGINES FOR SALE, of the best quality, comprising ONE OSCILLATING, of 3-horse power; ONE HORIZONTAL, of 4-horse power; and ONE BEAM ENGINE, of 8-horse power.—Dalino, engineer, No. 1, Newportstreet, Paradise-street, Lambeth Walk, Lambeth.

R. B. LAMBERT TENDERS HIS SERVICES to PARTIES INVESTING in or SELLING MINING PROPERTY. By the soundness of the information to which he has access, and the bona side character of the undertakings to which he directs attention, his constant endeavours are to secure the support of his clients; and any information relating to mining shares will at all times be afforded, either to the sown holding shares, or to those who may be desirous of investing. OF DEAL PRICES forwarded daily on request; and a WEEKLY GENERAL LIST OF PRICES in SELECTED MINES, with a Commentary on the State of the Mining Share Market, published every Wednesday, in time for the evening mails, will be forwarded, post free, on application.

Mr. Lambert is well acquainted with the markets for the following shares, in which he can always transact business at the closest prices of the deliving shares, in which

he can always transact business at the closest prices of the close Wh. Kitty (Lelant) Wheal Wrey West Damsel

Tamar Consols

East Tamar

East Wheal Rose
Garreg Gilmar
Gonsmena
Gramb. & St. Aubyn
Great Sortridge
Great Wh. Aifred
Great Wh. Aifred
Great Wh. Baddern
Merllyn
Messer
Mill Pool
North Buller
North Crofty
North Frances
North Rosewarne
North Rosewarne
Court. Threadneodle-st Carvannall Clijah & Wentworth Comford Comford Will Copper Hill Copdeck Moor Cwm Darren Devon Wh. Buller Eagleirook East Basset East Buller East Rusell Offices, 3, Hatton-

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THE MIDLAND IRON COMPANY, ROTHERHAM, YORK-SHIRE, MANUFACTURERS OF RAILWAY TYRES AND AXLES FOR LOCOMOTIVE ENGINES, CARRIAGE AND WAGON WHEELS. From the tests to which this from has been submitted by segineers and railway companies during averal years, its superior quality has been generally acknowledged, and can be un-

LONDON AND NORTH-WESTERN RAILWAY COMPANY. The half-yearly meeting of proprietors was held at the Euston Station, yesterday, The Marquis of Changos in the chair.

Mr. Strwart, the secretary, read the notice convening the meeting, and the minutes of the last. The noble CHATRMAN rese and said-I do not propose, on the present occasion, to go at any length into the accounts of the company, which have now been in your hands for some short period, because there is a great deal of important business behands for goone short period, because there is a great deal of important bottone before you, veguingly query short period, and because in know account, with the form of which I have given to you in detail myself on a former consistent. The result of those which I have given to you in detail myself on a former consistent. The result of those has increased receipts, but have made a considerable distinction in the present security of the period of t

doubt whether it will be thought so when the facts and circumstances under which that payment arises have been fully stated to you. The result of the award by Mr. Gladatone was to divine the traffic into certain proportions between the Midland, the Great Northern, and the North-Western Companies; noot that the companies should take certain places, but that the traffic should be divided into certain proportions, and I believe that the arthurator arrived at a result with regard to the facts singularly accurate. The object of that agreement was to give to the public the best accommodation. I believe that that was the proper way to work that traffic. I am now speaking of a period anterior to may connection with the company; but I see mo reason to think that that was a wrong policy. The result was, that instead of running duplicate passenger trains to the same points with simost empty trains, and each company thereby incurring very heavy expenditure, it was deemed better that the traffic should be carried by one company, by one set of trains with full carriages; and the result of that arrangement was, that the goods traffic, being almost equally divided, the passenger traffic was discontinued by these companies, and was left to be carried by the Great Northern Company has carried a considerable amount of the traffic awarded under the agreement to us, because we did not incur the great and serious expense of running trains for an amount of traffic which would not have paid much less; and therefore, though the traffic reserved would not have been materially varied under that agreement, the expenses would have been, I suspect, doubled, or more than doubled. Therefore, under this agreement, the result has been that the Great Northern Railway Company arrived the whole of the passenger traffic, paying to us the 25,000L, but he traffic received would not have been materially varied under that agreement, the expenses would have been, I suspect, doubled, or more than doubled. Therefore, under this agreement, the resolution t

Mr. Boors, secretary of the northern division of the line, then read the following report of the directors:—

The half-yearly statements of accounts, in the hands of the proprietors, exhibit the following results, as compared with the corresponding period of last year:—

1855.

1855.

Receipts from passengers, parcels, mails, &c. 1854. 1855. Increase Ditto from merchandles, &c. 2788, 233 ... \$280,857 ... \$20,704 Total£1,470,454 £1,541,500 £71,046 Working expenses £566,089 ... £553,434

sures they had in contemplation would produce a resustion in the results, as given sexpenses, without imparing the efficiency of the service; and the results, as given expensed traffic of 71,000l., fully donfirm their anticipations, notwithstanding that 19,000l. of the increased receipts is in merchandise and coal; the saving being attributable mainty to a diminution in the mileage and number of trains, and to a careful revision of the arrangements in the merchandise department. The attention of the board continues to be steadily directed to this subject.

1853, withbed the power of entering the town of Shrewsbury Railway, in they year the proposed terminus, rendering necessary, therefore, a deviation of the authorised line, and a renewed application to Parliament. A bill has consequently been into the manner originally proposed, cutting short the line about one mile from the proposed terminus, rendering necessary, therefore, a deviation of the authorised line, and a renewed application to Parliament. A bill has consequently been into an interest the proposed terminus, rendering necessary, therefore, a deviation of the authorised line, and a renewed application to Parliament. A bill has consequently been into an distributed by the original Act for the completion of the works on the Northampton and Market Harboro' Branch; and the board have concurred in an application for similar powers in regard to the works of the Hampstead Junction Railway.

1856 The state of the proposed of the state o

to remain a more isolated line, the whole field would be left open to the free choice of those who were anxious for its possession, the consequence of which must be a vast abstraction of revenue (as was at various times brought under the special notice of the proprietors); whils, on the other hand, to engasyage in branches which could not be expected to yield the same profit as the original line, must certainly dilute the dividend. The question was one of no ordinary difficulty; but it was at length held that it would be most prudent, on the whole, to yield, in a degree, to circumstances which could not be controlled; and that, by promoting some branches, and assisting others, its interests of the company would be more permanently secured, and the loss would eventually be less, than by the adoption of any other course.

3. Woars—The expenditure on works, incliding stations, sidings, junctions, warehouses, &c., since 18:6, has exceeded all expectations. The circumstances which have arisen could not have been forseen; and no experience existed on which to found any accurate estimate of the cost of providing for the exigencies caused by the rapid increase and change in the traffic. Works not yielding a direct revenue are always entered upon reluctantly and artily, but they cannot be indefinitely possponed.

A comparison of Euston Station in 1846 and 1856 may be a guide in numerous similar cases. This station had been already more than once added to, and altered, prior to lead, in the traffic. Works not yielding a direct revenue are always entered upon reluctantly and artily, but they cannot be indefinitely possponed.

4. Comparison of Euston Station in 1846 and 1856 may be a guide in numerous similar cases. This station had been already more than once added to, and altered, prior to became impossible to dispatch the trains with punctuality, from a want of room. The booking-offices were over-crowded, the platform was a scene of continuous, there existed so unficient protection from the weather on the arrival side;

echapessate for the loss of more remunicative traffic in another, all required more extensive sidings, enlarged stations, additional signaratus, machinery, &c. The aggregate cost of such works, spicead over 600 miles of railway, is very great, and as a large proportion of it was to provide for the preservation of the existing traffic, rather than directly to bring in any corresponding increase of revenues, the tendency of all such outlay is, of course, for a time, to diminish the next profit.

4. Convertition.—The railway map of 1846, compared with that of 1856, will show the following striking differences:—

In 1846, the London and North-Western Railway was the only channel of railway communication between the following towns and districts:—

1. Preston and Liverpool.

2. Bolton and Liverpool.

3. Bolton and Liverpool.

4. Manchester and Liverpool.

4. Manchester and Liverpool.

1. By the Lancashire and Yorkshire line
2. By the East Lancashire ine.
3. By the Lancashire and Yorkshire line.
4. By the Lancashire and Yorkshire and
East Lancashire line.
5. By the Warrington and Stockport line.
6. This traffic is now shared by the North
Staffordshire, and the Manchester
and Sheffield lines.
7. (There is the competition of the Great
8. Western to all these places. Manchester and Warrington.
 Manchester and Lendon.

7. Liverpool, Birmingham, & London.
8. Birmingham and London.
9. Chester and Manchester.

Chester and Wolverhampton and Birmingham.
 Chester and London.
 Wolverhampton and London.

9. By the Birkenhead and Cheshire Junetion line.
10. By the lines between Shrewsbury and Wolverhampton, and Dudley.
11. By the Great Western lines.
12. By the Great Western, and also by the Oxford, Worcester, and Wolverhampton lines.
13. By the Great Western line.
14. By the Great Western, wie Oxford.
15. By the Eastern Counties, and also by 16.

12. Wolverhampton and London.

13. By the Great Western, and also by the Oxford, Worcester, and Wolverhampton and London.

14. Leamington and Leamington.

15. London & Stamford & Peterborough.

16. London and Leeds, York, Hul, Searborough, Newcastle, the North of England, and Scotland.

To the preceding list may be added the diversion of traffic which formerly sought the line of this company in London, but which is now carried direct by the lines running on the one side from the Eastern Counties districts to the Great Northern line, and on the other by the Reading and Basingstoke, and Reading Guildford and Reigate lines, which connect large districts with the Great Western, Oxford, and Birmingham Railway. That this diversion is not unimportant (though perhaps little noticed), will be apparent, when Colchester, Chelmsford, and a considerable part of the West of England, are mentioned as quarters whence, to a considerable part of loss from this wide-spread competition. That it is evry large in the aggregate cannot be doubted; and it must not be forgotten that the abstraction of passenger traffic (nearly the same number of trains continuing to run) is, in effect, a deduction mearly to its full amount, not from the gross, but from the net revenue of the company. The effect of competition, however, does not end with the mere division of the public, at increased speed, and reduced rates, attended by expenses of various kinds which might be otherwise avoided. A review of these points must lead to the conviction that in competition and its consequences are to be found, beyond all others, the cause of the reduction of the dividends.

Thus, as regards three out of the four causes enumerated, the loss sustained has arisen from circumstances beyond the control of the board; and, therefore, to this extent, reductian of dividends was inevisable.

With respect to the remaining head—Branches, including Guarantees and Leases—it may with truth be urged, against the policy pursued, that some of these are attended with loss; and i

Wolverton engine-shed
Sidings for coal traffic
Aylesbury coal-yard
Crewe sidings.
Winsford and Patricroft goods-sh
Gledholt coal-shoots and sidings. 820 1,657 £12,732 £5330 £1420

duced that subject into their report. Nothing could be more unsatisfactory than the course adopted by Parliament, who seemed to take a pleasure in the amount of money the rail way companies wasted amongst themselves, or how many rail ways were made, but he hoped that was past, and at a future part of the proceedings he had certain resolutions to propose.

Mr. Hadrield, M.P., said, according to the prosperity of the company, in the same proportion the public would be better served, and when he proposed a committee, it was not one of investigation, but one of consultation. Preue was the policy of the world, and he trusted the negociations at Paris would be successful, and the public and proprietors were jointly interested in promoting peace in railway companies, the referred to the absurdity of three distinct establishments for making machinery, one at Wolverton, another at Crew, and a third at Manchester, and in addition two establishments for carriages and wagons. The first loss was best, and he considered they had better amalgamate them at once into one or two. After seruinising the accounts, he (Mr. Hadfield) urged that if the policy of companies was of a peaceful nature, now was the time to unite.

Mr. Maliss thanked the board for the very able report laid before the meeting, and as it stated that negociations were going on, he should not press the motion he gave notice of; but he thought the opinion of the shareholders should have been taken before such a step was adopted. He had heard that on Monday next they intended to carry passengers to Peterborough for is, each, but he hoped it was not true. If railway companies would substitute union for discord, all troubles would be at an end, and as they went on increasing from week to week, they had only to take care to have a remunerative return for their traffic. The report of the committee, at page 19, stated that it was beyond a question that a great part of the traffic was moved at lower rates, and at a higher velocity, than was consistent with fair remunera

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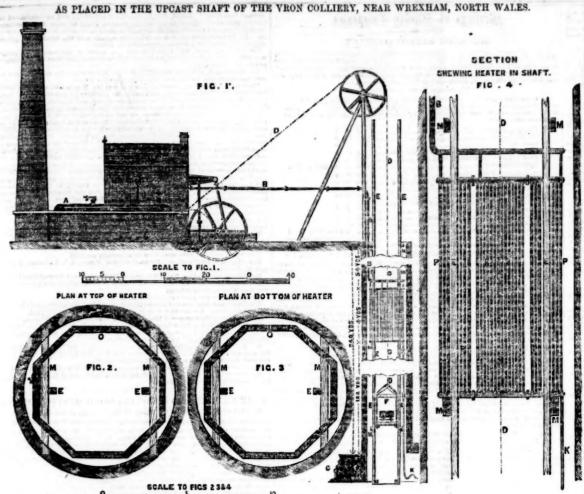
taxes, to take oted.

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other jointed g parts or girmay be at suit-single werest

LOW'S PATENT LATENT HEATER,



PATENT GRANTED TO WILLIAM LOW, OF LLOFT WEN, NEAR WREXHAM, FOR IMPROVEMENTS IN VENTILATING MINES.

A.—Engine boiler. B.—Pipes conveying steam from boiler to heater.
G.—Cook for turning off or on the steam.
D.—Winding rope, or chain. E.—Goide rods. F.—Cage, or carrier.
G.—Seam of coal. II.—Heater, as placed in the shaft.
K.—Pipe or conveying the condensed steam or water from the heaters.
M.—Bearers for holding heater in shaft, and to which the guide rods are fixed.
P.—The I inch malleable iron pipes of heater, from which the latent heat of the steam is given out to the surrounding air, by radiation and conduction.

It is well known that in ventilating mines fires are employed, near the bottom of the upcast shaft, to heat and rarify the air, so as to induce rising currents of air up the shaft, and thus to carry off the impure air, and keep up a supply of fresh air to the mines. The above invention consists in obtaining the requisite heat to the air in a shaft of a colliery or mine by the employment of steam in pipes, offering extensive heating surfaces to the mployment of steam in pipes, offering extensive heating surfaces to the mployment of steam in pipes, offering extensive heating surfaces to the mine through the apparatus.

The apparatus simply forms, as it were, form a lining to it for some length. The drawings above show the apparatus as it was first applied, at the Vron Colliery, near Wrexham; at this colliery the apparatus is the Vron Colliery, near Wrexham; at this colliery the apparatus is the Vron Colliery, near Wrexham; at this colliery the apparatus is the Vron Colliery, near Wrexham; at this colliery the apparatus is the Vron Colliery, near Wrexham; at this colliery the apparatus is fact in the shaft, the Wrexham; at this colliery, near Wrexham; at the Vron Colliery, near Wrexham; at this colliery, near Wrexha

Original Carrespondence.

INSPECTORS OF COAL MINES.

INSPECTORS OF COAL MINES.

Siz,—As I find I am the only person implicated in your censures of Jan. 5 and 19, in regard to the appointment of mining inspectors, who has not replied to your remarks, and as my silence may be misconstrued, I beg to give the following explanation:—First, as regards "jobbing" in the appointment of Mr. Thomas Evans. Until shout three years ago, when I undertook to visit Dowlais Works, I stid not know there was such a person as Mr. Thomas Evans: Fund; the proposation with him since has been strictly professional, and I am not even personally acquainted with his family; neither have I had any communication, either directly or indirectly, with any of them. With respect to his appointment, and for months before the examination, I had ceased to visit those works. I am at a loss, therefore, to know how "jubing" can be brought forward in such a case, more especially as I had not the elightest interest in Mr. Ewans's appointment. I must beg to explain as regards the qualifications of candidates. It is true that the committee recommended that they should "Have not less than 10 years' standing as manager of a colliery;" and it is equally true that the coll owners proposed that they should have "Had at least seven years experience as practical and responsible managers of coal mines, and be practically acquainted with the system of mining pursued in the district to which they may be appointed." But neither the one nor the other were embodied in which they may be appointed." But neither the one nor the other were embodied in which they may be appointed." But neither the one nor the other were embodied in which they may be appointed." But neither the one nor the other were embodied in which they may be appointed. But neither the one nor the other were embodied in which they may be appointed. But neither the one nor the other were embodied in which were allowed the workmen, in their "proposed amendments," recommend the insertion of such a clause. (Copies of Bill, workmen's "proposed amendments," and

complaints.—Hetton Hall, Feb. 14. P. S.—The preceding letter was written for insertion in your last week's Journal. Since that I have read the remarks in your last publication. I trust the above explanation will furnish all the information you require. I see nothing to add, except that I must disclain in the most emphatic manner that any other motive netward us than to perform our duties to the best of our abilities and judgment, and to recommend the best man of each district, practically acquainted with the system of mining pursued in that district, and otherwise competent and suitable for the office.

BRITISH IRON MANUFACTURE.

Bin,—Your caustic and eagle-eyed critic, "Ops," need not, indeed, fear the sink-individual control of this question from his visual ray. When such men as Mr. Anthony fill and Mr. Crawshay Bailey, M.P., have subscribed and signed the petition to the House of Commons, and Mr. Roebuck is preparing to present it, there is no charger of the cause being quenched out. Dawn is breaking upon the sky, and the glow of the sun of royal favour already tinges the horizon of Mr. Cort's prospects. No hollow promises from any Bombastes Anonymoso are required to support progress. Boate unascomplished only expose character. "Two months after date" is original in benevolent performance: he who would lead this subscription must now come out with a strong figure. "Ops" himself must change his autograph to "Megalopa," if his luminary would entire all the astounding lasts which are coming before the oaborb the power of such an explosion? The subtle and concealed mover of these puppets, the "Iscartiot Chairman," would turn honest for such a change in the act of passing through grooved rollers, to wite a change of the states of the lead to the states of the lead to the subscribed in the Cort case. First, an adequate subscribed and henceforth labour for his living. (By the way, I see the Bineanvon worthies have called a meeting without public advertising. How is that?)

There are two great points to be accomplished in the Cort case. First, an adequate parint to the four living descendants of the late Henry Cort, who deserved, had he lived, a life peerage, to console the solitude of the pecked-sit Baron were already and the cort of the propers of the control of the power of such an explosion? The subtle and concealed mover of these papers in the act of passing trough grooved rolers, to describe a material retalised of states and the four living descendants of the late Henry Cort, who deserved, had he lived, a life peerage, to console the solitude of the pecked-sit Baron were the subscribed of the pecked-sit Baron were the subscribed as th -Your caustic and eagle-eyed critic, "Ops," need not, indeed, fear the sink-this question from his visual ray. When such men as Mr. Anthony Hill and

lamp; the air is now so abundant that the workings are carried on entirely with naked lights.

somewhere, to strengthen the resistance to the attack the legal dignitaries are making on the royal preregative, which could not be better exerted than in covering and hiding with once are such as the county of partorneo. Inter-alia, Harry in the county of the county of

the second control of the seconds like the second of the s

different age. Our ironmasiers are changed men, in a changed position; it would be out of the question that the enlightened James Wait could find cause to apply such terms to this generation. The truth is, the system of our laws respecting patent inventions has been such as to place it in the power of any one narrownineds or dishonest man to ruin an inventor, though the rest are totally indisposed to unfairness, and the majority may thus be brought under the imputations they do not deserve; for it is impossible for men to act liberally and justly to an inventor, when they would by doing so place themselves at great disadvantage in an inferior position to the pirate. Let "Ops," as I have advised, open his luminary to its greatest attech over the ensuing parliamentary reports. "Folyops" would not be too much for the eccasion; and for private as well as public reassies, I shall be well pleased if the revelations open the eyes of an ironmaster of fiberal political views, who, had he known the facts, was the very least likely man to be made a tool to aid in closking the "high crimes and misdemeanors" of the most exercmentitious egests of the basest parasites of the oldest and rottenest degraded section of Toryism.

David Musher.

PENDER SYSTEMAL OF MENTAL MENTS of The state of the lates of the oldest and rottenest degraded section of Toryism.

BEST SYSTEM OF TREATING GOLD-BEARING QUARTZ.

of the oldest and rottenest degraded section of Toryism.

David Musser.

Feb. 14.

BEST SYSTEM OF TREATING GOLD-BEARING QUARTZ.

Siz,—Mr. Clement's letter is incomprehensible to me; I cannot see the connection between the system of treating quartz and my system of geology. In a former letter, Air. Clement spoke of "crors committed," which he finds that he is unable to substantiate; and now he says that he only meant "a loophole to creep out of." orbital control of the control of th

THE TREATMENT OF SILVER ORES.

THE TREATMENT OF SILVER ORES.

Sir,—Mr. Clement, in his reply, classes the Sania Ana with the Marmato Mines, forgetting that the former is a silver mine, and not gold—two concerns totally different in their metalliferous character, and the treatment required for extruction. I completed the arrangements for treating the Sania Ana silver ores on the Freyburg system of amalgamation in 1841, and I maintain that no new process has since been discovered better than the one then established at Sania Ana (in the absence of lead ores), and all that is wanted to render that concern continuously profitable is the extension of the barrel amalgamation, prevent overmeddling individuals to disturb it, leaving well alone, with good faith and support at home. The cost per ton in about 325 (31), from the delivery of the ore at the stemps to the refined ingots of silver. Even the cost of smelting and extracting the silver in England, with abundance of lead ores, cheap labour and fuel, cannot be done for less than 61, per ton.

Probably Mr. Clement is more at home on the subject of the treatment of silver ores than he is in the gold question; I shall, therefore, feel obliged by his acqualating us what are the "great improvements of the present age" he alludes to, and how is it that the patio amalgamation is still carried on in Mexico? I hope he will be able to reply to these questions without personalities, and keep the subject of "hacienda" distinct from the mine. Gresham House, Feb. 20.

Evan Hopenius.

P.S.—On reference to the Mining Journal for Aug. and Sept., 1843, a discussion on the subject of the treatment of silver ores will be found. I maintained then the great advantages of converting the sulphurets into chlorides, and separating the different metals, such as aliver and copper, by changing the metallic precipitants in the barrels (as sometimes done at Santa Ana and Pamphona), and that such a system would be found even in England, in some cases, preferable to that of smelting argentiferous expoper, and aweating out the s

GOLD-BEARING QUARTZ-BEST SYSTEM OF CRUSHING.

found even in England, in some cases, preferable to that of smelting argentiferous epoper, and sweating out the silver.

GOLD-BEARING QUARTZ—BEST SYSTEM OF CRUSHING.

Sir.,—I cannot allow that Mr. Evan Hopkins's letter is any answer to my question, or, at any rate, it is but a very indirect and discursive answer; but, as he teils us he has "crected rollers, runners, and the drag-stones (called arrastres), and knows what they can do," I shall be much obliged if he will confine himself to edge-rollers, and tell as the weight of each roller in the mills he has erected, the number of rollers working in one trough, how many revolutions they made per minute, it the pan or trough in which they travelled was constructed so as to be self-discharging without stopping the mill—I mean passing off the material when ground to an impalpable powder, and retaining in the action of the mill the coarse or unground material—and the power employed to work his edge-runner mill. With distinct answers to those questions, I hope to be able to form a conclusive opinion, whether Mr. Hopkins has ever properly and correctly constructed an edge-roller mill or not.

Mr. Hopkins's quotation from the Great Howar report does not help him, as he admits that quartz containing gold requires to be reduced to an impalpable powder; and your readers generally would understand from the quotation that Mr. Hopkins means the 120 tons daily pulverised are stamped to an impalpable powder. Now, he must know that this is not the case, and that at Great Hewas, and every other set of stamps in the county, the tinstuif is not required to be reduced to an impalpable powder, as it would not agree with the old and prevent systems of tin-dressing. The well-known terms at every dressing-floors, the "slimes" and the "rows" (roughs), are unanswerable proof of this—the slimes meaning the portion reduced to an impalpable powder, and the rows the remainder not so reduced. The state of fineness to which all tinstuff is reduced depends upon the size of the holes in the perf

provement were really called for.

In conclusion, I assure Mr. Hopkins that I have no wish to enter upon an unmeaning, angry controversy on this subject; and if he will briefly reply to my queries, I will at once tell him what I think of the edge-roller mill he has erected, or seen, in South America. I have not the honour of his acquaintance, but I hope to find him liberal enough to allow me the same right he assumes in his advocacy of stamps, and its advocate, if I think proper, the use of a correctly constructed edge-roller mill, which, I believe, is not yet in existence.

I am quite prepared to hear that Mr. Hopkins is joined by a host of the old tins.

LAMBORE THE STATE OF STATE .

dressing community, while a new system is only in the "bul of being," who will freely and loudly exclaim, "It ca-ast be done; it wa-ast be done; we get a-ready ast its tin that can be got out." I think a brief and unmistakeable answer to such assertions is to erect a directing-post upon a conspicuous part of Sithacy Downs, with the words in large letters printed thereon, "To Wheal Vor flow."

I must be grespetfully to decline compliance with Mr. Hopkins's request, to comprehend the statements he writes and dignifies by the same of arguments. I would prefer laying under his implied imputation of a want of capacity to understand his profound arguments than impose upon myself so evere a task; for to become the unfortunate inmate of some lunatic asylum is not a very pleasurable contemplation. Helston, Feb. 13.

John Westlake.

CHANCELLORSVILLE GOLD MINING COMPANY.

CHANCELLORSVILLE GOLD MINING COMPANY.

Siz,—I thank you for inserting my letter of the 5th instant, with reference to the affairs of this company; since which I see an advertisement has appeared in your Journal and the Times, signed by the secretary. I must say, however, on reading through the advertisement carefully, it is very far from being attriafactory.

I complained in my former letter of what appeared to me to be an unnecessary delay on the part of the directors in bringing the company into active and profitable operation; and their own advertisement does little more than prove my charge to be perfectly correct. After two years and a half or three years, the directors can only say to the shareholders, whose money they have received, and are now spending—"We have got over some 150 tons of ore, on which we are trying experiments, and do not feel justified in giving you partial information." Now, Sir, I, for one, do not want partial information. I want "the whole truth, and nothing but the truth;" and beg of the directors for their own sakes, as well as that of the shareholders, to let us know at once whether, under any known system, sufficient gold and silver can be extracted from the ore to render the undertaking a profitable one. If they say, Yes, I reply, Then go to work, and let us have dividends; and at the same time you may conduct your experiments to ascertain if a more efficient and cheaper plan can be adopted in the extraction of the gold; but if such is not the case, let them honestly say so. One of your correspondents suggests that enquiry should be made at the office. I reply, that a friend of mine has caited repeatedly, and can get no satisfactory information, the answer to his questions invariably being—As soon as we arrive at our conclusions, which will not be long hence, they will be published. This has gone on for months, and I am anxious to know how much longer the shareholders are to have their hopes deferred.—Feb. 21. An Unrogrumar Scarpholders.

CAPTAIN NORTON'S CONCUSSION FUZE,

CAPTAIN NORTON'S CONCUSSION FUZE,
FOR CAUSING SHELLS OF THE LARGEST SIZE TO EXPLODE AT THE MOMENT OF STRIKING
SIR.—About twelve or thirden years ago, the late Lord Vivian, being Master-General of the Ordanace, called on me by appointment, at my lodgings in Berkeley-street, to witness some experiments with my rific percussion shells discharged from Staudiemmayers air-gun rific, and after I had successfully discharged several, which all exploided in passing through a board, his lordship said, "We all admit that your rific shell is a perfect thing, but what we now want is a shell of the spherical form, to be fired from ordinary cannons, and that shall explode on striking a ship's side," and added (attiking me playfully on the shoulders), "if you can do that, I will make a man of you." I replied, "I have been thinking of such a shell; give me but a little time and I will do it." Within three months from that day I went to Woolwich, and had twelve of those fuzes fitted into as many spherical shells for the ten-inch bore cannon. The shells were fired at a double bulk head, built of cak, and of the thickness of the sides of a first-rate man-of-war; the distance from the battery in the marshes to the bulk head was 120 yards: nine of my shells struck the bulk head, each instantly exploding and scattering their fragments between the two sides, re-presenting those of a man-of-war, three shells entered the soft clay not being sufficient to cause a sudden shock to displace the rivet heads in the fuze and within the shell. The connecting thread of the rivet heads is passed through the quick match leader just where the fuze composition commences; should the rivet heads not be displaced by the shock of striking the object, the shell will yet be exploded by the fuze burning to its end in the usual way. The sheller burning to its end in the usual way. The sheller burning the flight of the shell through the air, after the connecting thread is divided by the fire of the quick match. This fuze is described by a diagram, fig. 7, pag

WHEAL TRELAWNY.—We understand that a large number of share-holders residing in London are desirous of having an office here, and appointing a committee for the more effectual and satisfactory management of the mine. As the shareholders are spread over the whole of Great Britain, and a very large proportion in London, the quarterly meetings are attended by very few adventurers. We do not learn that any very serious complaints have been made against the management, but the operations are not in accordance with the views of the London pro-rietary, who consider, and we think very prudently, that a committee should be appointed to superintend and examine the large monthly expenditure which is now incurred, the details of which are wholly unknown to distant adventurers.

the details of which are wholly unknown to distant adventurers.

EAST BALLESWIDDEN MINE.—The machinery and materials on this mine (being a part of Balleswidden United) have been lately purchased for 5457. The mine has been taken up principally by parties of the neighbourhood. From the promising appearance of the lodes, and the ample supply of water-power, which will enable them to work at a very easy cost, the shareholders have great confidence in its turning out a valuable speculation. A meeting of shareholders was held at the Union Hotel, Penzance, on Jan. 26, when it was decided to commence operations immediately. It is divided into 100 shares. A call of 7t, per share was made; and Mr. Wm. Augwin, of St. Just, was appointed the purser.

FRENCH AND ENGLISH CAPITAL IN LAKE SUPERIOR COPPER MINES.—
During the past season, some capitalists in Paris were in treaty for a mineral property, of about 490 acres, at Lake Superior, and known as the Agate Harbour Mineral Lands Prof. Rivot, of the French Government School of Mines, was sent out to examine it, and reported four extensive veins of copper on the property, upon which the purchase was concluded for the sum of 60,0001. and a company organised, under the name of Maurice and Co., with a capital of 400,0001. The opening of the veins has commenced, and we learn that the developments thus far are of the most satisfactory character. We hear that this company intend erecting smelting and assaying works, for the purpose of separating the sliver, which will amply repay for doing so, as Lake Superior copper contains about 6 acs. to the ton of this metal. The only English capital expended amongst the Lake Superior mines as yet is that which is employed in the Kewenaw Mine, taken up some time since in London. We also learn that this company are pushing their mining operations forward with very flattering success. About three months ago they discovered a new vein on their property, and recent accounts from the mine state that they have just cut another new vein, very wice, weit defined, and rich in copper. These developments will place it among the prominent mines of Lake Superior.—From America, we learn that the gold lately re-FRENCH AND ENGLISH CAPITAL IN LAKE SUPERIOR COPPER MINES.

minent mines of Lake Superior.

Californian Gold.—From America, we learn that the gold lately received from California has been more than usually loaded with the small crystals of the natural siloy called irido-mium (the hard and intractable substance used for the tips of the gold pens). This body is infauible, unalloyed by other metals, and insoluble in acids. Until lately, the quantity of it has been only about half an ounce in one million of dollars. Last week, however, one deposit of only 160 ounces contained 7 ounces or more of irido-mium. From intractability and extreme hardness, it is a great annoyance to the workers of gold, who use a metal containing it, and it sometimes causes them heavy losses. It is believed that most of the gold now received from California contains large quantities of this substance.

from California contains large quantities of this substance.

WHEAL JAMAICA COPPER MINING COMPANY.—Mr. James G. Sawkins, P.G.S., the Government Geologist, has recently inspected the Charing Cross Mine, the property of this company, and furnished the directors with a full report of its present position and prospects. It states that the geological formation of the country has been much disturbed by a central upheaval to the north, which has affected the lote, producing slides and fractures, which, however, evidently decrease in depth. The character of the ores are in many respects similar to those of Santingo and Bayatabo, in Cuba, the carbonates overlaying the oxides, and the oxides the sulphurets, the latter being separated by quartz and iron pyrites. The works at present are too superficial to forsee, to a certainty, what the results will be, but enough ore is visible to justify the eaergetic prosecution of the enterprise. The locality chosen for the dressing and surface works is as good as could be desired, and large enough, provided the assortment of the ores is confined to the mouth of the mine. It is recommended that the carbonates and oxides are not broken into smaller pieces than necessary to clear them of extraneous rock or carth. The sulphurets will be more or less accompanied with long prittes, which will require careful separation by jigging, after being stamped and crushed.

Suppoperhates as Miningar A Miningar Countyr.—At a recont receiving in support

SHEOPSHIRE, AS A MINERAL COUNTY.—At a recent meeting, in support of the Shrewsbury, Hanwood, and Welshpool Railway, the Rev. T. F. More (of Linley Hail), who presided, referred to the extent and value of the minerals of the county. After remarking at some length on the merits of the proposed railway, the traffic likely to arise out of it, and the public benefit it would confer, he said that many parties in London could not believe, and he was astonished to find it implied traffic likely to arise out of it, and the public benefit it would confer, he said that many parties in London could not believe, and he was astonished to find it implied before a committee of the House of Commons, that Shropshire was not a mineral county: however, he could show, in a very few words, that it was a mineral county: however, he could show, in a very few words, that it was a mineral county of great importance. In the district of Weulock Edge there were iron, coal, and lead; at Weulock there were iron and coal interspersed with lime, and from Wenlock Edge there were iron, coal, and lead; at Weulock there were iron and coal interspersed with lime, and from Wenlock Edge there were iron and lead; it would not be long before there would be a permanent mineral trade in that direction. There was Snailbeach Mine, belonging to the Marquis of Bath, 500 yards deep, which had yielded an enormous quantity of lead after smelting, at least 2,000,000f., the royalty of which could not have been less than 250,000f. The Bog Mine had yielded ore which had produced lead to the value of 1,000,000f. sterling; and these mines were as productive of ore, as good in quality, at the present depth as at any time during the period of the workings. On an admeasurement of the veins already worked out, it was estimated that metallic lead had been produced since the time of the Romans to the extent of about 25,000,000f, sterling; and the district yielded, about 1-10th of all the lead produced in the kingdown. He had himself a pig of lead, snelted in the time of the Emperor Adrian, and spades as used by the Romans. The mines were far from exhausted, and he believed there was enough metal in the veins of Shropshire to supply the community for 1000 years to come. At a small computation, 5000 men might seadly and profitably be employed in these mines; and, reckoning four persons to a family, they would thus support a population of 20,000. When this important line of communication was open, the mines would be worked with spirit by ester

MINING JOURNAL.—The VOLUMES for 1854 and 1865, perfect, with Index and Title-page, strongly bound, to be sold—price 2l. each.

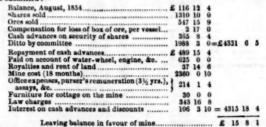
Meetings at Mining Companies.

DHURODE MINING COMPANY.

A special general meeting, for the purpose of taking into consideration the dividing of the company's estate into four setts, disposing of the north and east setts to other companies, and retaining the west and south setts for this company's operations; or of raising additional capital for continuing and extending the works of the company, was held at the offices, 25, Throgmorton-street, on Tuesday.

Mr. Josian Baths in the chair.

Mr. Casu (the purser) having read the notice convening the meeting, the Chairman read the minutes of the weekly committee meetings, from Aug., 1854, to the present time. The committee's and captain's reports, and the following statement of accounts, were submitted:—



temporary loans.

Capt. Wm. Tomkin reported that since the shipment on Jan. 24, they had, on the floors, 7 toms of cross and stamps ores, and 16 to 17 tons of gossany and grey halvans. The Chairman, in moving the adoption of the report and accounts, reminded the shareholders that although they had proposed the division of the property, it was solely from the difficulty of raising capital, as every portion of the land was valuable, and only required money to make it highly remunerative.

A lengthened conversation ensued, when it was resolved that Lord Kinsale be reelected Chairman of the company; that Mesers. H. Kirton and H. Barnes be elected directors, in the room of Mesers. Sirr and T. Moorhouse, resigned; and that the question of the division of the property, or raising of additional capital, be left entirely in the hands of the directors. A vote of thanks to the Chairman terminated the proceedings.

proceedings.

CLARENDON CONSOLIDATED MINING COMPANY OF JAMAICA.

The third yearly general meeting of shareholders was held at the London Tavern

The third yearly general meeting of shareholders was held at the London Tavern, Bishopsgate, on Wednesday,—Mr. J. W. Caren in the chair.

Mr. J. E. Loun (the secretary) read the notice convening the meeting and the following report of the directors:—

Your directors have the pleasure to submit to the proprietors of the Clarendon Mines the bi-monthly reports of Capt. Harpur, from the 24th June last to the 25th January. They exhibit a continued and satisfactory progress in the working of the mines, from which the directors feel justified in the anticipation of a favourable result. The whole of the forfeited shares have been allotted to proprietors resident in Jamaica, and the proceeds are at the credit of the general account. The accounts for the past year have been made out and audited, a copy is now annexed for the information of the proprietors; they show a balance of 13,000, 29. 94. dis in Exchequer Bonds, and 9934.09. 5d. cash at the bankers, still applicable to the working of the mines. The expenses of the past is months have been increased by the credit of of cottages for the miners at Stamford Hill, and by the vigorous prosecution of the works, which have for soirse time past been carried on both by night and day. The only further sample of ore received since the last report has been one of about a ton weight; this was rough direseed, but on asay it proved to contain 17% per cent. of copper, and sold at 194. 5s. per ton. The directors who retire by rotation are—John Lavicount Anderdon, Esq., John White Cater, Esq., and William Giadstone, Esq., who, being eligible, again offer themselves for re-election. Gregory Lewis Way, Esq., being also eligible, offers himself as a director. The present number being too limited, your directors beg to recommend him for election, and a motion to extend the direction from nine to ten members, in pursuance of the terms of the Deed, will be submitted to the meeting. The retiring auditor is Wm. Smith, Esq., who, being eligible, offers himself as director. The Present number

Balance Statement of Accounts, December 31, 1855.

Deposit of 10s. per share on 60,000 shares £30,000 0 0 Less not paid on 150 shares £ 75 0 0 Less company's shares, 1374 687 0 0 = 762 0 0 Total . N.E. 20,000 shares appropriated for part purchase of mines, of which 2000 have been delivered, in conformity with the terms of the prospectus.

£31,228 18 8 Reports were laid upon the table from the Hon. Edward Thompson and Capt. F. C. Harpur, received from Jamaica since the last meeting up to Jan. 25. The following, from Capt. Harpur, arrived by the last mail:—

Harpur, received from Jamaica since the last meeting up to Jan. 25. The following, from Capt. Harpur, arrived by the last mail:—

Jan. 25.—Provors: I have no material change to inform you with regard to this place. Since my last letter, we have driven on the course of the lode about 3 fms., as which point it is nearly 6 ft, wide, presenting much the same appearance as for some time past—viz., soft porphyry, carbonate of lime, and flookan, intermixed with mundic, We are also extending the cross-cut further into the mountain, ground hard for driving. This work I am doing with native labourers alone, being much in want of the Englishmen hitherto employed in this piace at Stamford Hill; I have removed them there.

STARTORD HILL.—The lode in the 22 fm. level, north-east of shaft, is slightly disordered by a cross wein that has come in from the south-east, and split the lode into branches, the largest being about 2 ft. wide, composed of fnokan, with a quantity of oxide of iron, and occasional siones of yellow copper ore. The lode in the rise above the back of this level continues large, composed of spar, porphyry, prian, and flookan, with good stones of yellow and variegated copper ore. The 35 fm. level, north-east of shaft, is much the same as it was when I last wrote you, producing some very good stones of yellow copper ore: but little has been done here during the past week, as I have removed the men back to drive from: the slide of the level north-west towards the 35 cross-cut, in order to facilitate our progress in making the necessary communication with the shaft. In doing this work, I sm pleased to inform you that we have, as I carpected, met with another portion of the lode, at least 6 ft. wide, producing also some very pretty stones of yellow copper ore; the lode in this place, from the baging to the footwall, is not less than 14 ft. wide, carrying a very strong and healthy appearance, with as regular and well-defined walls as can be seen. In the 35 cross-cut we have also cut into a branch of the lode, compo

another quite distinctly, so that I am daily expecting to effect the communication. The ground in the 45 cross-cut continues easy for driving through.

The CHAIRMAN, in moving the adoption of the report and accounts, said the bimonthly reports had been sent to all the proprietors, giving them an opportunity of considering the state of the property, which, upon the whole, he considered attisfactory. Capt. Harpur had done all that was requested by the board, his whole energies being directed to Stamford Hill: An the works at Provost were altogether suspended, and at Retreat only a few coloured labourers were employed. All the English miners had been sent to Stamford Hill: and it would be seen, by the last report, that some most important work had been dome. It could not be expected that the lode would be cut immediately; but when it was intersected at the shaft, they would be able to prove its value. Although it appeared to be cut into branches, it had proved valuable. The directors could only lay the fasts before them, and they must wait the results. Capt. Harpur had strictly followed their instructions, and done his work well; he had never held out expectations that had not been more than realised. With these observations, but merely confirm the Chairman—that all Capt. Harpur had grognosticated had taken place. (Hear.)

Mr. Hovus thought some tiems in the accounts required explanation. Upwards of 50004. Speared a large sum for preliminary expenses. There was also a liability of 90004 for Mr. Thompson, and 1354 shares, which were called the company's shares, were not included in the accounts. He had so frequently urged fixing a limit to the

amount they should expend, that he would not repeat it; but he considered the accounts, instead of embracing the whole amount, ought to show the expenditure for the half-year, and thereby enable the sharcholders to see at what rate they were going on. At the same time, he was satisfied the members of the board were gentleman who would not allow a reakless expenditure. (Hear.)

The CHARDMAN said, with regard to the first question, the honourable propriets was rather late in his enquiry, as he had fully explained the item of preliminary expenses two years ago.

The CHAIRMAN said, with regard to the first question, the honourable propriete was rather late in his enquiry, as he had fully explained the item of preliminary expenses two years ago.

Mr. Hoves said, if once answered, it was not fair to put it the second time; but he was not aware that he had ever asked the question before.

The CHAIRMAN was not aware whether it was Mr. Hoyes who saked the question, but it had been fully answered; and out of the preliminary expenses, 30001. was paid to Mr. Thompson, being part of the purchase money, and inserted in the prospectus. He agreed that it would have been better for the accounts to have been separated, but he never interfered with auditors, except as regarded mistakes. They had Mr. Coleman, a paid auditor; and if they deducted the money in hand from the last year, accounts, they would find the total expenditure for the 12 months about 50001. and that included salaries and solicitor's charges, &c., in London. The directors had no salaries, and the other salaries were not above 2401. Minera' cottages had been built, at an expense of 4001, or 5001. A crusher-mill and quantity of powder had been such at an expense of 4001, or 5001. A crusher-mill and quantity of powder had been seniout, and from Aug. S they had been working the mines night and day, so that instead of one labourer they had three to pay; and if that course had not been pursued, they would not have been in the present position for 12 months. There were 2800 share standing in Mr. Thompson's hame, upon the same footing as any other proprietor, and they were held as security for the 7901. With regard to the 1374 company's shares, they were sold. It might be remembered that the directors were authorised to sell them at the market price; but as the market went back, and they could not obtain par, they did not think it their duty to sell them as a discount. In Dec. las, he received a cheque from Jamaison for 16001, for the purchase of shares in the Clara, don, and he appropriated the together every six months, th

The CHAIRMAN next proposed the re-election of Messrs, J. I. Anderdon, J.W. Cater, and W. Gladstone.

Mr. Hovas seconded the resolution, and said if he could not congratulate his fellow. shareholders upon success, they were certainly in the hands of gentlemen who would not lead them very far wrong.

The resolution was then carried unanimously.

The CHAIRMAN said it was desirable that the number of directors should be increased from nine to ten. A resolution to that effect was unanimously adopted.

The CHAIRMAN then proposed that Mr. G. L. Way be elected a director.

Mr. Hovas wished to know how many shares he held!—The CHAIRMAN replied 650.

Mr. Hovas: Then I have great pleasure in seconding the nomination.—Carried unanimously. Mr. Smith was also re-elected auditor.

Mr. Hovas begged to propose a cordial vote of thanks to the Chairman and directors, He was sorry their exertions turned out so fruitless, but that did not take away from the zeal they bestowed on behalf of the shareholders.

The CHAIRMAN, in acknowledging the compliment, said none of them participated in the feeling of Mr. Hoyes, or they would have a bad board of directors. (Laughter.)

PORT PHILLIP AND COLONIAL GOLD MINING COMPANY.

PORT PHILLIP AND COLONIAL GOLD MINING COMPANY.

We have received a copy of the report of the directors of this company, to be presented at the general meeting of proprietors, at the London Tavern, on Monday. It is a weighty affair, but that is stated to be unavoidable, in order to give a detail of the circum-tances which have interfered thus far to prevent the company realising the purpose for which is was formed, and to show that nothing has been left undone by the directors, for that end, which was in their power to accomplish. The object of the directors here, and Mr. Biand the resident director in Melbourne, was to obtain from the Colonial Government a lease of mineral ground, on conditions analogous to those which prevail in England, and in other mining countries. It then describes the continuous delays of the Government, the opposition of diggers and store-keepers, when concessions appeared likely to be made, and the ultimate failure of all their attempts to obtain leases of mineral lands, until three years after the first application had been made, when they obtained the concession of a piece of land at Recei's Creek, Ovens. The correspondence on this subject between Mr. Bland, Mr. Thompson, the directors, and the local Government, extends over 104 pages of the report. On the conclusion of this correspondence respecting mineral leases, in the month of Nov. Last, the directors lost not time in endeavouring to take measures for investigating the real value of quartz reduction; they held a conference with Mr. G. Milner Stephen, who had resided some years in Australia, where he practised as barrister, and who has, for many years, devoted much attention to the study of mineral distain, on the principle of being remunerated solely out of profit. The boar harden as barrister. Mr. Stephen offered his services to undertake the management of Victoria, and was well acquainted with all the circumstances relating to them, and the position of the diggers there, whose interests he had had occasion to represente a barri

Balance of Profit at 1	f capital p Melbourne	er ledger , in gold purchases	£4992	15	9	£10	0,573	9	9
	**	Assay office	. 1860	11	2				
99	**	Sundries	. 67	0	3=	£	6,920	7	2
	Total.,	***********************************			*****	£10	7,498	16	11
Ontfiteor	d nassage.	money	€ 8.630	8	0				
Materials	r bancale.		4 410	15	3				
		to Melbourne	2,250	0	0				
		dues, tavern expenses, rents, !	-		-				
		ep, and provisions	6,987	14	7				
Forest Cr	eek establ	ishment, less gold received and to	20,764	7	5				
		d and tin received (8911, 6s. 7d.)	3,835	7	5				
Interest :	and discou	nt	2.129	- 0	0				
Salaries.			8,343	3	9				
	n ore ship	ped to England	1,023	0	0				
Wages .		peu to angiana	3,012	0	0				
Medical :	nd law ch	arges, passages, office charges, wood, water, &c	1,909				•		
		ouse at St. Kilda	641	17	5				
		serchandise re-sold	6,938	9					
		pkins, in London and Melbourne							
Home po	P. OB 8000	unt of services in Victoria	1,746		2				
Sandries		unt of ect vices in victoria	426		6				

The assets in Melbourne amount to 30,725/. 17s. 5d. The assets in Melbourne amount to 30,723. 17s. 3d.

"The directors trust thatit will be apparent to the shareholders that the real cause of the want of success of this company thus far has been the want of colonial protection. The commany was not founded on any erroneous estimate of the capabilities of the colony to afford ample room for prosecuting the business of mining. They believe it to be a misfortune for the colony that companies had not been encouraged, the consequence being that an irregular, precarious, and unsati-factory mode of working the gold fields has been permitted, instead of one which would have introduced order, method, and regularity of employment to the parties concerned."

MARBLE SPRINGS MINE, MARIPOSA COUNTY, CALIFORNIA .-Marile Springs Mink, Mariposa County, California.—"Since the publication of the statements by Mr. Clement, operations at the works have comenced for the seasons of 1855-6. The establishment has been entirely overhauled, and every department put in complete order. New mortars, cams, and stamps have been put up, and after an outlay of over \$10,000 in improvements and materials for the season, the mill commenced operations on Dec. 3. The changes and improvements that have been made at the mill, and more particularly in the crashing process, have increased the capacity for reducing the ore one hundred per cent. The new stamps introduced are round, instead of square as formerly. The stems are of \$\frac{1}{2}\$ sinch round iron, \$11\$ ft. long, instead of being of wood, and the cams, which formerly raised the stamps by the means of a cut or mortice in the stem, now raise the stamps by a shoulder of iron, through which the stem passes, and which is keyed to it. The cams are placed on the shaft a little to the side of each stamp, not expect to it, and thus lift it, striking the shoulder at the side of the term, giving the stamp a rotary motion as it is clevated. Much friction is thus saved, and the west of the bottom of the stamps is more even. I find that with this arrangement of the in front of it, and thus lift it, striking the shoulder at the side of the stem, giving he stamp a rotary motion as it is elevated. Much friction is thus saved, and the war of the bottom of the stamps is more even. I find that with this arrangement of the stamps, and with an improvement in form of the cams, which I have also adopted, the engine is now capable of carrying 10 stamps, weighing each 390 be, instead of the same number weighing only 300 lbs, each, as formerly. In past seasons, I have only been able to reduce about I ton in each five hours: with the present improvements the mill reduces 2 tons (of 2000 lbs.) in 4 to 4½ hours. The quartz being quits solid and hard, is crushed without roasting. Six men are employed in the mine, in taking out ore. The lode in the tunnel now being worked is of an average of 3 feet thick, and widens downwards, and the ore is of a quality never surpassed in California. In Oct. last, from 100 lbs. of rock taken out of the present drift, or tunnel, 53400 worth of gold was obtained. The number of employes are—Amalgamating manager, salary, \$150 per month; superintendent of workmen, \$100; first engineer, \$25; expenter, \$80; teamster, \$50; two stamp feeders, each \$50, \$100; one cook (to cook rations), \$50; six miners, at \$80 each, \$480 = \$1215 per month. In addition to the salaries, all the employee get their band; this item costs about \$20 per month for each person, besides which a sleeping spartment is found for all.—Alfaid Wheeler 1. San Francisco, Jan. 4."

Mr. Gibson, managing agent at the Glanrafon Colliery, near Mold, was silled while adjusting the fly-wheel of the machinery. Much dissatisfaction was excessed at Mr. Peter Parry, the coroner, ordering the works to be stopped, such a roceeding appearing just as rational as it would be to stop the traffic on a railway ecause a fatal accident had happened there.

A deputation from the miners of Scotland, consisting of Lord Goderich M.P.; Mr. Duncan, M.P.; Mr. Hastie (Palsley), M.P.; Mr. Candurd, M.P.; Mr. Macdonald, of Airdrie; Mr. Muir, of Ruthergien; Mr. Candelet; Mr. Sturgeon; and Mr. Hodges, transacted business at the Home Office on Tuesday.

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loderich, t.P.; Mr. geon; and MARINE LIFE AND CASUAL MUTUAL ASSURANCE SOCIETY.

MARINE LIFE AND CASUAL MUTUAL ASSURANCE SOCIETY. The annual meeting of proprietures was held at the offices of the company, 60, Fenchard-street, Mr. P., D. Hanow in the chair.

Mr. Monaar (the scoretary) read the notice convening the meeting, and lowing report of the directors:—

Mr. Monaar (the scoretary) read the notice convening the meeting, and lowing report of the directors:—

Tour directors have great sutifaction in submitting, at his, the fourth annual meeting of the to the establishment of this scorety are now so generally known that it will not be messary to recentilizate them. It will be sufficient to state the results which have followed, and have amply justified, its formation.

Tour control of the contro

NORTH OF EUROPE STEAM NAVIGATION COMPANY.

NORTH OF EUROPE STEAM NAVIGATION COMPANY.

The fourth annual general meeting of proprietors was held at the offices of the company, King William-street, on Thursday,

It is 8. Monrov Pero, Bart., in the chair.

Mr. Joun Henvey (the secretary) having read the notice convening the meeting, the following report of the directors was submitted, together with a detailed statement of accounts, showing capital and revenue accounts, and balance-sheet:—

The directors have much satisfaction in again meeting the proprietors, and in laying the accounts of the past year before them, feeling assured that the continued grosperity of the undertaking which they orince must be a source of congratulation ball concerned.

By the revenue statement, it will be seen that the nett earnings for the year have end 47,673. 43. 64. A dividend of 122. per share was paid in respect of the half-war ending in June, which amounted to 12,2435. 10s. 11d. A sum of 6950l. is now secred for a depreciation fund, and a further sum of 4700l. for an insurance fund, having at disposal the sum of 24,079l. 3s. 7d. Out of this your directors recommend the payment of a further dividend of 12s. per share for the present half-year, with a bonus of 6s. per share, to pay which will take 19,994l., leaving a sum of 4085l. 3s. 7d., hich, with 1203l. 7s. 2d. undivided on last year's profits, will make an amount of 285l. 10s. 9d. to be carried over to next account.

The directors have to congratulate the proprietors upon the circumstance that no rious casualty has occurred to any of their ships, and that they are now in the best ate of repair and efficiency.

Although the requirements of the war have during the year given employment to portion of the company's fleet, your directors felt that their paramount duty was to bitivate and extend their regular trade, and to this end their chief exertions have endicated, consequently they have not hesitated to re-charter vessels when necessity. In the meantime, they are happy to be able to assure the proprietors, that though

the west the west to first the west to such the

proprietors need feel no anxiety on that point. There were some remarks made relative to the price charged by the Eastern Counties Rainway for the conveyance of the active brought in their vessels from Lowestoft to London. It was their duty to pay the lowest price for anything they brought to the railway company, and be might state that, within three days from their disagreement with that company, they received an offer from the Manchester, sheffleid, and Lindon the part to take their traffic at the same rate to take their traffic at the same rate to take their traffic at the same rate of the s

Ships.	Tons.	H	ow.	Ships.	Tons	. H	
Cumberland	650		300	Royal Victoria	. 600	*******	
City of Norwich	700	******	250	Scandinavian	. 500	*******	12
Gothenburg	6 10		120	Tonning	, 900	********	
Hamburg	650	*******	250	Aquila	. 300		12
Jupiter	500	********	200	Cygnus	. 300		12
Leipzig	550		250	Courier	. 400		200
Levant	695		250	Lady Seale	. 263		6
Oscar	000	*******	120	Newcastle	. 350	*******	12
Powerful	700	********	150	Velocity	. 300		60
Propeller	700	*******	150	Vigilant	. 300		6
Prince of Wales	627		120	Vesper	. 139		70

STANNARIES OF CORNWALL AND DEVON.

witnesses were also examined for plaintiff, and the case was adjourned from Friday till Monday, to have the evidence for plaintiff of Mr. Joseph Lyle, who was ill & his residence near Helston. Mr. Lyle attended on that day, but on the Court assembling, the advocates informed the Vice-Warden that the parties had agreed to compromise the suit by defendant paying plaintiff 650f., with costs. The Vice-Warden then made a decree for payment in a week.

LIABILITY OF DIRECTORS TO REFUND SHARE PURCHASE MONEY.

During the week, three important cases have been tried in our courts of law, one in the Exchequer, and two in the Court of Common Pleas, each of them being to recover sums of money paid for shares in mining companies, the directors of which had made representations in the prospectus which they had not carried out in practice, and in each of which the plaintiff pleaded fraudulent misrypresentations, and a total want of a consideration, as a ground for the return of the money advanced. The first was the case of Watkinson e. Ronald, in which the plaintiff sought to recover from defendant, as a director of the Australian Freehold Gold Mining Company, the sum of 304., for money advanced on 30 shares, they having departed entirely from the line of procedure laid down in the prospectus. The jury, without hesitation, gave a verdict for the plaintiff for the amount claimed.

The next case was Markham v. Lilley, in the Common Pleas, in which plaintiff sued the defendant for 1004, as a director in I/Aigle d'Or Gold Company; the prospectus stated that the capital was 1,875,000 frs., in 70,600 shares of 14 each; that the company was registered as a Societe on Commandite; that the grant was a M. Roberte et Gle., 99, Rue Richelleu, Paris; that the object was to work a valuable gold mine in Virginia; and that each party was to have 100 acres of land for every 100 shares, out of 75,900 acres, forming part of the property. It was also alleged that the tiple was perfect, and the company free from all incumbrances. The plaintiff having paid his money, it was discovered that the company had no title to the 75,000 acres of land, and plaintiff hard no knowledge whether any gold had ever been found. For the defence, it was attempted to be shown that the loss of the land was through an error of the surveyor to the American Government; but the jury gave a verdict for the plaintiff, on account of fraud on the part of defendants.

The other case was Johnson c. Goslett and Others, also tried in the Court of Common Pleas. The plaintiff, a d

RANSOME'S SILICEOUS STONE.

In another part of our Journal is inserted an advertisement of the Patent Siliceous

RANSOME'S SILICEOUS STONE.

In another part of our Journal is inserted an advertisement of the Patent Siliceous Stone Company, and we would direct the attention of architects, builders, and others, to this very valuable material, possessing, as it does, the essential properties of durability, and supplying (what has so long been required) the means of executing bold and elaborate designs in the most artistic manner, at a very low cost. In appearance, it is not distinguishable from the best descriptions of freestone; but, unlike most natural stones, it is free from the presence of argillaceous or cretaceous matter, which so often proves injurious to the substance.

The Bath stone is especially liable to injury in this way, as may be seen in many ancient edifices in the West of England, and in our metropolis; whilst even Portland, the most compact and finest of the limestones, does not resist long exposure. The condition of portions of many modern erections fully attest these facts.

The most enduring building stones are those sandstones which are composed of a siliceous cement, being free from mart and limestone, as the Cragleith, Darley Dale, Bramley Fall, &c. The proportion of silica in the composition of these stones is from 95 to 39 per cent., consequently their absorbent power is very small (not half that of some limestones).

The material now under our consideration is a siliceous or flinty stone, the particles of which it is made (fine pure sand) being united together by a soluble silicate, which, after exposure to the kiln, becomes converted into a kind of glass, its nature, therefore, secures it from all injury from soot, acid, or other vapours, or disintegration by weather; and in cases where it has been actually exposed for several winters it retains all its sharpness of outline and surface perfectly.

The process of mannfacture is based on the chemical fact of the perfect solubility of fint, or siliceous material, when subjected to the action of caustic alkali (soda or possess) and the process of man

INDURATED STONE COMPANY.—A meeting of shareholders in this company was held on Monday, at their offices in St. Swithin's-lane,—Mr. T. M. Wild in the chair. After some preliminary remarks from the Chairman, the secretary read the directors' attendances, the balance-sheet, and the report. From the latter it appeared that the company had taken considerable trouble to obtain a certificate of Limited Liability, but owing to the difficulties the directors had encountered in endeavouring to comply with the Act, they were compelled to abandon the attempt, and wait for the passing of Mr. Lowe's bill. A new patent for the manufacture of artificial stone has been obtained, which was considered very valuable and a probable source of considerable revenue to the company. Already several licenses have been granted to parties to use it in various parts of England; an agreement for its absolute sale for America was prepared, and about to be signed, and arrangements were pending for putting it into operation in Holland. The report concluded by expressing the directors' a-surance that the money which had been expended upon the patents had more fully developed and improved them, and a hope that, as they were daily growing in public estimation, they would ere long be in extensive use, and a source of profit to the shareholders. After some remarks from Mr. Hutchison, and other shareholders, the report and balance-sheet were received and adopted. The meeting terminated with a vote of thanks to the Chairman.

CRYSTALLISED CARBONATE OF BARYTES .- In our Journal of Jan. 12., CRYSTALLISED CARBONATE OF BARYTES.—In our Journal of Jan. 12., we inserted a notice of a valuable vein of carbonate of barytes of the richest character, which, after very considerable research, was discovered in one of the mountain ranges of Alston Moor, by Mesers. Utrick Vipond and Co., of Alston, and is confined to that alone. The vein is 3 ft. thick, with 50 ft. in height above the level, which has been driven on the vein 50 ft. We have received from Messrs. Vipond, of Alston, abox of specimens, which may be seen at our office by those interested. There are two descriptions, the most pure is a pearly white, and, according to the analysis of Dr. Richardson, of Newcastle-upon-Tyne, contains from 99 to 97 per cent. of pure carbonate, and from 1 to 3 per cent. of silica. The commoner kind is not so crystallised, tinged bluish gray, and yellow, and contains 90 per cent. of carbonate, 7-40 of silica, and 1-80 of oxide of iron. It is said that this rare and isolated mineral has never, in any county, been found so pure, in such immense deposits, as in this discovery at Alston Moor.

any county, ocen found so pare, in such minutesiae exposits, as in this discovery at Alston Moor.

CRYSTALLISATION OF WROUGHT-IRON BY PERCUSSION,—It will be in the recollection of our readers that, in Mr. James Nasmyth's attempt to forge a gun of unusual dimensions, the whole process terminated in failure, said to have arisen from the crystallication of the iron, from the continuous percussion necessary to work it. On Jan. 26, we noticed an attempt at the Mersey Steel and Iron Company's Works to construct a still larger gun, and in which they have been so far successful, that it has stood the test of the forging operation, apparently without a flaw, and on finishing and polishing about 2 feet from the muzzle, a more homogeneous and perfect metal cannot be seen. The mass has now been some lines in the lathe, and the borer has penetrated 6 ft. 6 in.; the operation is proceeding that slowly, and it is expected to be complete in about six weeks. It will then be 15 ft. long, 27 inches in diameter, and 415 y in. circumference at the breech. The bere will be 13 ft. 6 in. long, and 13 in. diameter; will weigh about 24 tons, and cost 3000.

THE LEVIATHAN STEAM-SHIP.—At the Eastern Steam Navigation Company meeting, on Tuesday, the Chairman said that he had every reason to hope that their vessel would be launched by August next, as Mr. Russell's friends would enable him to perfect the contract, though much inconvenience would be experienced by having to complete the vessel under other arrangements than those contemplated.

Now in the research and the research are a rangements than those contemplated.

We understand that an influential omnibus company is in course of formation, with the view of rescuing the metropolis from the threatened monopoly aimed at by the large omnibus proprietors, associated as a Societe en Commandite, but using an English company's title; and that Sir J. V. Shelley, Bart., M.P., and General Wyndham, M.P., who procured a reduction of duty on 'Buses last essesion to the amount of 40,000'l. a year, are identified with the project. This new undertaking will comprise English combiness, English coachbuilders, is registered under the Limited Liability Act, and will avail itself of all bone fide improvements, for the comfort and convenience of metropolitan travellers.

The East Kent Railway Company have convened their half-yearly meet-

THE MINING HOURNAL

FEB. 23 1856

LYDFORD CONSOLS.

The committee of this mine have just issued a circular to the shareholders, with the following report from the agent: —

The committee of this mine have just issued a circular to the shareholders, with the following report from the agent:

"Since the commencement of operations here, we have erected a powerful waterwheel, 40 ft. diameter, and 5 ft. breast; to which is stateched a line of flat-rods. Journal of the commencement of the commencemen

FOREIGN MINES.

The United Mexican Mining Association have advices, via New York from their commissioner, Major Farrell, R.A., dated Guanaxuato, Jan. 14, of which the following are extracts:—

from their commissioner, Major Farrell, R.A., dated Guanaxuato, Jan. 14, of which the following are extracts:

JERUS MARIA.—The water has completely subsided in the pozos of Dolores and San Francisco, but is still found in San Hilario, though in small quantity. The extraction from the two pozos above mentioned has amounted, during the past week, to some 15 cargas, of a ley not exceeding 8 mares: on visiting the mine, on Wednesday last, I found in charge of the administrator about 50 cargas of cleen ore (value about 200 dollars), and which it will be inexpedient to remove or sell until a larger quantity be accumulated, the reason being that the hacienda of the comp uny (Dolores) is at present fully employed on the beneficio of the ores from the mine of Serina. With respect to the sale, so small a quantity at a law ley would be sold at a disadvantage; and to commence the beneficio by the company we ought at least to have 500 cargas on hand, and an extraction weekly of 150 cargas to continue the supply.

La TRINDAD.—The water in the lower workings of San Refael, and proceeding from the vein, has prevented any further speculation of it in that part; most active measures are pursued, working day and night at the drainage, and Mr. Fuber entertains a confident expectation that it will not long continue. At the same time, from his experience of the mines in the district, he does not angur unfavourably from it, but the contrary. In the Pozo of Jesus (this pozo is driven from the level where the rich ore was found at the beginning of last year) and the frente of San Arcasio, some extremely rich ore has been lately extracted, and the sale by buscones, on Wednesday last, 9th inst., amounted to 850 doilars, being the extract of the week.

ZACATEGA INDENSITY.—I have received from H. M. Minister, Mr. Lettsom, a letter, accompanied by a document in Spanish from the Minister of Pinance, to the effect that the Government will pay out of the dues upon the next conducts ands han amount towards the liquidation of the San Acasio cla

The Mexican and South American Company have received advices, by the Masdalena, from their smelting establishments in Chili. From Horradura Works, under date Dec. 31, Mr. Barnes reports that the Law Ogilby sailed on the 27th, with a full cargo of copper and copper regulus; the Isabelia was loading with copper regulus, and they were awaiting another ship to load. The Pathfinder arrived on the 25th, with 450 tons of Welsi coal; the Firejaic on the 30th, with ores; the Sausey Jack on the 20th, with ores. The yearly stock-taking was in progress, and the furnaces, consequently, on slack work. The chiefs uncerintendent had resumed purchases of ores for the new year. Mr. Alfred Sinclair, C.E., and Mr. Borman, had arrived at the Herradura Works. From Caldera Smelting Works, Mr. Rodbard, under date Jan. 4, reports that stock-taking was in progress, sameling suspended for the time, and the purchase of ores. He had a cargo of regular ready, and was waiting for the Chaucer, which had not arrived. The stock-taking was in progress at Copiapo and Tierra Amarilla. At the Tongoy Works, and at Totoralillo, stock-taking was going on. The Anne was at Tongoy on the 30th, taking in a cargo of cres, her machinery having been completely overhaused, and found in excellent order. The quantity of copper made from Jan. 1, 1855, to the last dates was—Ar Herradura (including Tongoy), 2408 tons; at Caldera, 624 tons, being a total of 3032 tons.

La Fortuna Minning Company have advices from Mr. W. Williams, dated

goy), 2408 tons; at Caldera, 624 tons, being a total of 3032 tons.

La Fortuna Mining Company have advices from Mr. W. Williams, dated Linares, Feb. 11:—At Canada Incoan, west of engine-shaft, the lode was worth 1 ton of lead ore per fm. At O'Shea's shaft, two winzes had been cleared up, the lode being worth 2 tons of lead ore per fm. In Miguel's winze, east of engine-shaft, the lode was worth 3 ton per fm.; Jose's winze was worth 1 ton of ore per fm. They expected in February to raise 50 tons of ere, and soon considerably to increase the returns. Los Salidos was being prosecuted with satisfactory results.

The Linares Lead Mining Company have received advices from Mr. H. Thomas, dated Linares, Feb. 9: The lode in the 65 fm. level, outh part, driving west, was worth 15 ton of ore per fathom; in the 65 fm. level, outh part, driving west, was worth 15 ton of ore per fathom; in the 65, 15 ton; in the 65 north, 215 tons; Shidard's winze, 6 ton; in the 55, lode worth 12 ton per fm.; the 65 contains stones of lead ore; in Miguel's winze, winze was worth 10 in the 20, 1 ton per fm. East of engine-shaft, on middle lode, Parra's winze worth 1 and the 31, elexandros winze, 2 tons; and the 31, east of Taylor's, was worth 1 ton of ore per fm.

The Grand Duchy of Baden Chartered Mining Company have advices

winze, 3 tons; and the 31, east of Taylor's, was worth 1 ton of ore per fm.

The Grand Duchy of Baden Chartered Mining Company have advices from Freiburg to February 18:—At the Louisen level end, driving west, the lode is 5 in. wide, worth 3 cwts. of ore per fm.; in pitch No. 2 cast, lode 3 in. wide, 3 cwts.; No. 3, ditto, 9 in. wide, 6 cwts. per fm. In Wilhelm's level, the lode cast is 1 foot wide, worth 3 cwts., ground hard; in pitch No. 9, lode 9 in. wide, 4 cwts.; No. 15, lode 1 foot wide, 3 cwts. per fm. In Frederick's level cast the lode is 2 in. wide, poor: winze No. 8, lode 1 foot wide, 5 cwts.; No. 17b cast, 15 in. wide, 6 cwts.; No. 17b cast, 15 in. wide, 6 cwts. in No. 17b cast, 15 in. wide, 4 cwts.; 17b west, 17 in. wide, 6 cwts. In the end west at winze No. 3, the lode is 19 in. wide, worth 4 cwts., per fm. In Trudpert's level, Schindler winze No. 2, the lode is 18 inches wide, worth 4 cwts.; bitch No. 12 south, lode 2 feet wide, 5 cwts. In the old adit the lode is from 7 to 8 ft. wide. The sampling for last month was 322 cwts. 87 lbs. of ore.

From the Wildborg Gross Consolidated Mines the agent reports that

From the Wildberg Great Consolidated Mines, the agent reports that om the Wildnerg Creat Combination Affines, the agent reports amosecut at Carolina shaft is being continued, and yields 25 cuts. of silver-lead rfm.; the lode cost in the Gluch cross-cut, 45 cwts.; and in sinking, 39 cwts. The third sink on the Hulfe Gottes yields 45 cwts.; and in sinking, 39 cwts the Weitungs Rolle, 25 cwts.; and the stopes west in Beck's sink, 109 cwts crossed ore per fm. The new lode west yields 50 cwts.; the stopes above Beck's color cwts; and the stopes above the Blumengang sink, 30 cwts. of silver-lead rfm. The wet weather at the beginning of the week has caused a falling of colors as the color of the week has caused a falling of colors as the color of the week has caused as the color of the colors of the week has caused as the color of the colors of the week has caused as the color of the colors of the week has caused as the color of the colors of the week has caused as the color of the colors of the color of the colors of the colo in the raisings of ore

The Nouveau Monde Mining Company have advices from the superintendent, Mr. R. Bray, dated Alotepeque, Dec. 29th:—At San Pantaleon, Cormbian shaft was sunk 47 varas. In the side level they had driven 3% varas, and in the wost level 10% varas; in the latter was a regular lode, 20 in. wide, with occasional bunches of ordinary ore. At El Cristo Mine, the lode which had been much disordered had again improved, 20 in. wide, with a good branch of lead ore, supposed to contain 50 ozs. of silver to the ton.

contain 50 ezs. of silver to the ton.

The Rocky Bar Gold Mining Company have advices from Mr. Seyton, dated Grass Valley, California, Jan. 2;—"The average of the rock taken from our new lowest levels is not so high as it was in the 119 fm, level. The first 90 tons has yielded an average of about \$12 per ton. At present the vein is considerably shattered in some places and excessively hard in others. It is a pity I could not put up hatteries, as I had intended before the arrival of Dr. Everett. We could always save \$3 to \$1 per ton. The weather is often very severe, and having is difficult. As yet we have no extraordinary difficulty in keeping the water down in the mine, but that is because we pump without intermission. However, the average of all the rock is good, and I think that it will be more steady at the depth we are now. If one-third of the quartz is over \$40 it will make a splendid average."

From Valporaiso, we learn that conner mining we define heavening.

From Valporaiso, we learn that copper mining was daily becoming more important, and great energies were teing brought to tear in working the mines. The works of the Valparaiso and Santiago Railroid are rapidly progressing. The proposed rollway from Santiago to Tales, 200 miles, has been preliminarily commenced. Mr. Chevalior, the engineer appointed by the directors to the survey, has already practis of the first survey as far as Sanciagus, accompanied by the Minister of the Interior as well as by other engineers. His report is satisfactory as respects the facilities for constructing the work.

Died, at half-past two o'clock on the morning of Thursday, at Goginan, Emily, the wife of Mr. Matthew Francis.

Mining Correspondence.

BRITISH MINES.

ALFRED CONSOLS.—M. White, Feb. 18: The ground in Davey's engine-shaft, sinking below the 80, is softer and more favourable for sinking. The ground in the cross-cut, driving south in the 100, is favourable, which we think augura well. The lode in the 80, east of shaft, is from 1 to 2 ft, wide, and at present rather disordered by a cross-course, consequently cannot speak much of its value. No change to notice in any other of the lutwork operations since last report. The tribute department is just as for some months past. The skip for drawing has been working for about a fortnight, during which time three of the four axies have broken, and caused considerable hundrance, thereby checking, our operations; but it is now all right, and doing its work well.

doing its work well.

BALLYYIRGIN.—R. W. Smith, Feb. 19: No change has taken place in the various enis driving and stopes since my report of the 12th inst., save the south stope in the back of the oid level, which will now yield fully 1 ton of copper ore per fm., and has every appearance of a still further improvement. I have now 45 tons of copper ore in Clare ready for shipping. I shall commence shipping 50 tons this week.

BOILING WELL.—G. Reynolds, Feb. 16: The rise in back of the 60 fm. level is still leaving tribute ground; the lode in not so hard as it has been. The castern end on the south lode in the 50 is looking well, it will produce 2 tons of good ore per fm. The castern end on the south lode in the 50 is looking well, it will produce 2 tons of good ore per fm. The castern end in the 20, on south lode, in the 30 is producing this end will produce 1 ton of good ore per fm. The castern end in the 20, on south lode, in the 30, is producing some stone of ore, but not to value. All the tribute pitches at present are looking fair.

BOLENOWE.—W. Kloberts, Feb. 16: In the 50 fm. level east the lode is 3 feet

BOLENOWE.—W. Roberts, Feb. 16: In the 50 fm. level east the lode is 3 feet ride, not looking so promising as when last reported. In the 30 west the lode is ft. wide, composed of gossan, prian, and spar.

4 ft. wide, composed of gossan, prisan, and spar.

BRONFLOYD.—J. Jones, Feb. 21: Engine-shaft No. 2 we resumed sinking on Monday; there is no alteration in the ground, ore much the same. In the south end of plat the ore is better, worth 7t, per ton for working, or 10s, in 1t. profit. In the adit the ground continues hard, with spots of ore.

BRYNTAIL.—J. Roach, Feb. 21: There is no alteration in the lode in the 10 fm. level since last reported on: it is still worth 6t, per fm. The lode in the rise is producing fine stones of ore, and likely to improve, and the ground is casier for breaking, consequently I expect we shall hole to surface in from two to three weeks from this date. The lode in the winze sinking under the 10, although very promising in appearance, continues the same in quality as when I last described it. The stones of ore are a little larger towards the eastern end of ground. The stope east of the mill continues to last very well, worth 12t, per fm. The new stope or rise is getting into bearing ground, from present indications. I expect to be able to report an improvement in my next.

BUCKLAND CONSOLS.—J. Carcenter. Feb. 21: We are sinking the diagonal shaft

BUCKLAND CONSOLS.—J. Carpenter, Feb. 21: We are sinking the diagonal shaft on the course of the lode with all possible dispatch, which I hope we shall be able to continue to do without the aid of machinery for several fathoms in depth; however, I am preparing the necessary requirements should the water be too fast for manual labour. The lode increasing in size, now 4 ft. wide, and porous also, and improving in itself, induces me to take measures during the dry weather to prevent delay in the operations, should we have a wet season.

BUTTERDON.—T. Grenfell, Feb. 18: The lode has been taken down in the north end for the last three weeks, nor do we intend to take it down until towards the end of next week. Our reason for letting it stand in this way is to keep it as clean as possible from the country. In the south end the lode is if t. wide, composed of fluor-spar, mundic, and lead ore. Although this part of the lode is still inclining cast, it has not as yet fallen in with the eastern branch.

CALSTOCK UNITED.—W. Cooke, Feb. 16: In the 60, going west, the ground is

use not as yet failed in with the eastern braich.

CALSTOCK UNITED.—W. Cooke, Feb. 10: In the 60, going west, the ground is easier for sirving than when last reported. The caunter lode is not so large as it was, and appears to be getting drained towards the end. In the cross-cut south the country is also causer. The cross cut north continues hard and wet, and there are indications of the lode being in further north. The tin pitch continues to look well, and the tributers are brasking some good work. The water stamps will be ready to go to work in a week or ten days.

CAMBORNE CONDISCOUNTS.—W. Polymer Feb. 16. The continues to

CAMBORNE CONSOLS.—W. Roberts, Feb. 16: The 33 cross-cut north progresses attisfactorily. In the 20 west, on the caunter, the lode is 1½ foot wide, producing

CAMBORNE CONSOLS.—W. Roberts, Feb. 16: The 33 cross-cut north progresses satisfactority. In the 20 west, on the caunter, the lode is 1½ foot wide, producing stones of ore.

CARRACK-DEWS UNITED.—W. Hollow, jun., M. Dunn, Feb. 18: The men from the 42 ends, at Battery, have been engaged in cutting a plat, &c., consequently little has been done here since our last; the lode in them is much the same as then—viz., enough ore to pay for dressing, but not to value. In the 30 the lode is 2 ft. wide, composed of mundle, apar, and some ore, but poor when broken altogether. Our tributers are getting good waves. In the back of the 30 the lode is worth 81, per fathom. At Elcy's, the lode in the 30 is 3 ft, while, with good stones of ore, worth 41, per fm. In the winze under the 20 the lode has a very kindly appearance, but is not yet good enough to value. We are getting on as feat as possible with the dressing. The extent of our sampling will depend upon the weather, but we shall not be able to dress all that we have at surface. During the past fortnight we have broken more ore than during any previous fortnight since the mine commenced working, principally from the 42 ends, and the back of the 30, on the north lode, at Battery.

CATHERINE AND JANE CONSOLS.—A. B. Callander, Feb. 20: In No. 1 cross-cut the lode is as last reported, showing spots of lead, with every prospect of an improvement. No. 2 cross-cut remains afto course of ore from top to bottom, and will yield 4 tons per fathom; the end of this level is rather hard for driving, and expect shortly a change for the better. In B level the lode in No. 1 sink looks well, and continues to yield from 20 to 3 tons, worth 151, per ton. We have cleared No. 2 sink during the week, and find in the bottom for 23; fins. long a good course of ore, yielding 23 tons rich ore per fm. No. 4 sink remains as last reported, 3 tons, worth 131, per ton. In A level, the men are following the city of mes has proported, 3 tons, worth 134, per fon.

CROWHILL—NS. Mitchell, Feb. 19: During the la

CROW HILL.—The 55 fathom level cast is still further improved: there is a cader of lead, about 3 in, wide, and will produce full be swts. of lead per fm.; general appearances, we fairly calculate on further improvement.—Feb. 16.

general appearances, we fairly calculate on further improvement.—Feb. 16.

CUBERT UNITED.—S. Richards, Feb. 16: The lode in the stopes in the back of
the 66 fathom level, south of Trebellan shaft, is somewhat improved, now producing
8 cwts. of lead per fm. The lode in the sump winze also has a more promising appearance than of late, and producing a little rich work. All other parts are without
any important alteration since my last report. The 66, south of sump winze, is now
extended to within a few feet of Towsey's shaft; the 56 south end is driven under it,
and the men this morning put to rise against the pare sinking below the 46, in favourable ground. We have not raised as much ore during the pastmonth as was expected,
but the ends will shortly reach some important points, where I hope we shall be enabled to do better.

abled to do better.

DEVON BURRA BURRA.—J. Lord, Feb. 20: We are progressing very favourable in cutting ground and timbering the north shaft—i to 5 fathoms being completed. I have put the shaftment to take out ground for the bob-pit, that the masons may get up the walls in time to keep the carpenters to work. We are proceeding with the surface operations with the greatest expedition; every one is exerting himself to get it to work, as we all believe we are going to have a good and lasting mine. We have a great deal of ground to remove to get our flat-rods in line to attach to our engine when required; this being done now will save us from removing a single stand. We have four mrn at this place, and four men making the gutter to take the water from the north shaft. This will be all covered in, so that we may not destroy any land. I have to inform you that in bringing up this cutting we have discovered the back of a lode, between the trial shaft and the north bode, of a similar character to that at the trial shaft. This lode, should its underlay continue as seen here, we shall have in our shaft at 35 fms. deep, which will, I have no doubt, present such prospects as will satisfy all concerned.

DEVON WHEAL BILLER.—Since last record a great change has taken place in

our shaft at 35 fms. deep, which will, I have no doubt, present such prospects as will satisfy all concerned.

DEVON WHEAL BULLER.—Since last report a great change has taken place in the 32, driving wost. We have arrived at the end of the horse of killas, in which the lode has been split; the lode is now very much improved in size and quality, producing some rich ore, with a quantity of water coming from the end. We have seen nothing like it since the lode has been cut, and there is not a doubt but that we are just opening on the course of ore gone down in the level above. In the castern and we have just met the cross-course, but cannot say anything of the lode on the castern side. In the 20 east the lode is much larger than last week, and quite the same character as before, producing good stones of ore—a very promising lode. There is no alteration in any other part of the mine.—Feb. 21.

EAST GOLDSCOPE.—I Frank, Feb 21: We have commenced stoping in back of the lode to the west of engine-shaft, where we have a good lode, from which we are raising a considerable quantity of copper ore. We are busily employed on a north lode, from which large quantities of levd have been extracted by Sir John Woodford's agents some years since, and which, added to East Goldscope, will greatly enhance its value. I have seen sufficient to satisfy me we have a valuable property in these mines, and one that will repay the adventurers for their ontiay.

EAGLEBROOK.—H. Tynck, Feb. 18: Since my last recort, we have advanced the 25 fm. level west of engine-shaft 6 fm, making the length now driven 6 fms. 4 R.; the lode in the ore menterial as before, but the lode in the ore menterial as before, but the lode in the ore menterial as before, but the lode in the ore menterial as before, but the lode in the ore menterial as before, but the lode in the ore menterial as before, but the lode in the ore menterial as before, but the lode in the ore menterial as before, but the lode in the menterial as the face where the lode in the ore end to the s

EAGLEBROOK.—H. Tynck, Feb. 18: Since my last report, we have advanced the 25 fm. level west of engine-shaft 6 ft., making the length now driven 6 fms. 4 ft.; the lode in the present end is from 4 to 5 ft. wide, of the same material as before, but the staff, when drawn, contains more lead than we have before seen in this level; it is also more wet. We shall push on this level as speedlig as possible, to reach the orey ground seen above in the 10 fm. level. In the 10 fm. level west we have advanced 23 fms. 3 ft.; the present end is not so productive as it was a short time ago, but the appearance of the ground is good, and we have no doubt of getting into more over again shortly. The 10 east is extended from the shaft 21 fms. 3 ft.; the lode has now become every kindly, especially towards the bottom of the level; we have a well-defined branch of iead, 3 to 4 in. wide, and solid, accompanied by strings of copper. goosan, and white soft spar; we cannot but consider this part of the mine, at the present time, very encouraging. We now intend to open out a greater breadth of the lode in this place, so as to accertain more fully its quality, as it is very possible there is more one on the soath side. We are glad to say the winze, 23 fms. west of engine-shaft, and only a continue to clear the adit to Wheal defined for the adit level to the 10 fm. level. is now communicated, but it will take a week longer to square up the ground; we have had lead all the way down. In consequence of this winze our levels are now well ventilated. We have ordered a small quantity of radia for the levels, which is always accompanied with economy of labour. EAST BIRCH TOE (Darrasoon).—R. Etheridge, F.G.S., Feb. 19: The driving and stodying on the south lode, and Graban's look in the 12 fm. level, both cast and west of the engine-shaft, are for the present-waspendeu/, the extreme hardness of the granite and width of the lode, which daily gives proof of improvement and paying work. The endering it unpoffitable, therefore the men employed in thes

shaft are paying work; the shoal aditon the same lode, west of Dix's shaft, is driven 9 fms., lode not so wide, but better work. The captain will shortly eros-cut north to intersect more northerly lodes; by the first week in next month we shall send to market a good sampling of tin. Our water-power now drives 37 heads, which are supplied from the north lode stopes.

shaft are paying work; the shoal shift on the same loca, which on a shaft are paying work; the shoal shift on the same local, which are supplied from the north lodes; by the first week in next month we shall send to market a good sampling of tim. Our water-power now drives 37 heads, which are supplied from the north lode stopes.

ESCAIR.MWYN.—S. Vial, J. Paull, Feb. 16: We have driven the 55 2½ fms, east, and have much pleasure in stating that the lode is well-defined, and composed of clay-slate, quarts, and blende, with a good mixture of lead ore: it its equal in value to any slate, quarts, and blende, with a good mixture of lead ore: it its equal in value to any slate, on north lode, above the add terel, is slightly improved, worth 10 cwts. per fm, rise, on north lode, above the add terel, is slightly improved, worth 10 cwts. per fm, FEE DONALD.—J. Muffett, Feb. 17: The lode in the winze sinking under level A, on Smiddy lode, is worth 4 cwts. of lead ore per fm; the eastern part of the winze is looking better than the western, though there was but little ore to be seen in driving. Level B, east of this winze, was set to four men on Saturday last, at 64, per fathom. There is no change in level B end since last report; we intend to drive south, to see the south part of the lode before driving further west, which we think is not far from us, as the north wall has come round south 8 or 9 feet—set to four men, at 64, per fathom, To rise in the back of this level, against the winze sinking under level A, by two men, at 44, per fathom; the lode is worth about 6 cwts, of lead ore per fm; the lode in this end is at present poor.

FRANK MILLS.—J. P. Nieholls, Feb. 20: Yesterday we sent down and fixed the bottom of the plunger-lift; to-day we have sent down the plunger-pole, and are now sentling down the rode; we are getting on quite as fast as we expected, and, if all be well, we shall put the lift to work on Friday evening or Saturday morning; there has not been anything done in the ends this work, as the men have a l

these levels there is not the least doubt but that we shall be successful in finding ore. We have 50 men employed in the tribute department; the tribute range from 7s. 6d. to 13s. 4d. in 17.

GREAT POLGOOTH.—J. Puckey, B. Hancock, E. Dunstan, Feb. 20: The engine-shaft is now down 13 fms. below the 116 fm. level; at this point we propose next week to begin to drive; it will take us some little time to timber and secure the shaft, but the most of this will be done by another pare of men, after we commence driving. The lode in the shaft continues good; we have seen but a short distance on it at present, but shall soon open a few fms. cast and west, when its importance and character will be more clearly defined. The 116 has been driven south through the clean to cut the south lode, which we are driving on in the 106, and we expect to cut it shortly. The 116 east has been driven about 2 fms., and a good lode. The 106, south of the elvan, is now opened about 16 fms.; the east end has a good lode, with very strong and favourable indications; and the lode in the west end is large and very good; this shows that the unexpected dip of the elvan has only retarded our operations, and that the south part will more than compensate for the loss of the north. The wince sinking below the 84 is down about 8 fms., and we expect to hole the 96 in about a month. The lode throughout has produced good tinstuff, and will open tribute ground. We know of no variation in the tribute department, but the mine, on the whole, has never presented prospects so favourable for the future, which we believe a few months will fully establish. We are at present much behind in our tin returns, from a variety of causes over which we could have no control; but this will gradually be regained, and our confidence in the mine is unaltered.

GREAT SHEBA CONSOLS.—N. Yelland, Feb 20: I beg to inform you that the engine-shaft is down 10 fms. 5 ft. 6 in. below the 50 fm. level. In the 50 we have opened 2 fms 1 ft. 6. in. east, and 1 fm. 3 ft., west from the cro

oroducing 2½ tons per fm.

GREAT SORTRIDGE CONSOLS.—T. Metherell, Feb. 21: We have not yet disovered the lode west of the cross-course. We have no improvement in the south ross-cut; the ground continues much the same as when last reported—clean killiar, and water still flowing from the present end. We have completed the transroad, and commenced tramming the stuff.

cross-cut; the ground continues much the same as when last reported—clean killas, and water still flowing from the present end. We have completed the tramroad, and commenced tramming the stuff.

GREAT SOUTH TOLGUS.—J. Daw, Peb. 16: The lode in the 80, east of cross-course, is 1 ft, wide, worth M. per fm. In the 80 west the lode is small and unproductive. In the 70 the lode is 1½ ft, wide, promising. In the 40, west of new shaft, the lode is 2 ft, wide, worth 6t, per fm. The pitches are looking well.

GREAT WEST SORTRIDGE.—J. Richards, Feb. 19: Morrie's engine-shaft is down is fms. from surface, and is still being sank in favourable ground for progress. It is intended to sink 3 fms. deeper, which will occupy three weeks, when a 20 fm. level cross-cut will be driven south for intersection of the lode. The weather having become more favourable, the masonry of engine-house, &c., will be proceeded with.

GREAT WHEAL ALFRED.—John Stevens, W. Bugelhole, W. Arthur, Feb. 18: The main lode in the 80 fm. level, east of Painter's shaft, is 3 feet wide, composed of quarts, mundie, jack, and good stones of copper ore, yielding 1 ton per fm.: rame level, west of said shaft, lode 3 ft. wide, composed of spars, fluor-spar, and mandle, with stones of copper ore, a very promising lode. The lode in the 170, west of Painter's shaft, it in. wide, poor. The lode in the 160 west is 3 ft. wide, composed of language, with stones of copper ore, a very promising lode. The lode in the 160 under the winge, to drain the same. The 155, east of Field's shaft, is the same as last reported. In the 142, east of Field's shaft, the lode is 2½ ft. wide, composed of sugary spar, prian, mundie, and jack, with stones of good copper ore. In the 130, on Hodge's lode, east of Falmouth shaft, the lode is 4 in. wide, spar and ore. The 130 cross-cut south, towards Alfred Consols lode, is progressing favourably. In the 125, on a continues as good as ever it has been, but he stones the ground is still hard. In the lode in the stopes there is a fine bunch of or

which has rather thrown us back, but we shall have longer days and finer weather very soon I hope.

GREAT WHEAL BUSY.—J. B. Pascoe: Since we commenced operations in the mines, in the latter part of October last, we have cleared the deep adit level from Cresabrewse to Fire-shaft, about 170 fms. to the west of Parrafield's engine-shaft in Wheal Busy. The distance is about 800 fms.—done in three months, with six men, and in the winter, though it has been said that we could not do it. We have collared up, cleared, and secured above 400 fms. of shaft, and have driven a surface level 40 fms. below the rubbish, and upon firm ground, in Wheal Busy, to drain off the surface water. We have also extended drains through Wheal Busy, and in several, other parts of the mine, to upwards of 4000 fms., and I have the pleasure to inform you that the water in the adit is no more now, though in the dead of winter, than when we began clearing it, three months since. The object of the surface drainage is to let off the water as it falls upon the surface, as there is no water in the stratum but what goes down from the surface. We have repaired the two counting-houses at Wheal Busy and Hallenbeagle, and the timber-house at Wheal Busy, which will serve our purpose until the mine will pay for better ones. We have reaised and sold 40 tons of copper ores in this short time, and we have five pitches working above the adit. We shall multiply that number as soon as we have let down the water from the adit. Several pitches have been applied for stready, but we cannot let them for another

Mrg. 13, 18 W.

HE MINISH JOENNA

130

engine-shaft will produce, for the length of the shaft and 6 ft. deep, 210f. worth of per fun. No. 76. In the stope in bank of the 70 west the inde is worth 3d. per fun. A new dops, west of No. 76, is writed No. 16, per fun. No. 17. The stopes in the store of the stope of the store of the s

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PENHAUGER.-T. Grenfell, Feb. 18: We, as yet, confine our work to surface

operations.

PEN-Y-GELLI.—J. Trewethan, July 18: Since my last I have suspended the 20, east of Ramsden's winze, which was driving by four men; I have put two of them with the men driving west, making six; the lode in this end is 4 ft. wide, with a more promising appearance, composed of limestone, of a considerable lighter nature, and intermixed with clay, carbonate of lime, and lead ore, but not sufficient of the latter to value. The 16 north is without change; the same level south has a more promising character, and at times producing rich lumps of lead ore. I firmly believe that in diving the level south for a little distance a great change for the better will take place; these two levels are driving at 24.2s. per fmi, free of all costs.

BHEIDLOL.—R. Beder. Ech. 16: The stones in the unpage ground are somewhat im-

place; these two levels are driving at 21.2s. per fmi, free of all costs. RHEIDOL.—R. Redge, Feb. 16: The stopes in the upper ground are somewhat improved; they may be perhaps worth 15 cwts. per fm. At the shaft, in Nantglas adit level, we have sank 6 ft., preparatory to taking a 1 fm. stope along the bottom of the short level driven at 9 fms.; the level will then be driven on at 10 fms. below the adit level: the ore still improves as we get deeper; the lode is about 4 ft. wide, with a good mixture throughout, and will yield 2 tons, or rather more, per fm; the run of ore ground driven through in the adit level was 36 fms. in length. The day level to the lode, 36 fms. below Nastglas old; is advanced 25 fms.; we hope to reach the lode in 10 fms. more; the ground is good, and has been lately driven at 35.15s. per fathom.

The drop skill terel, an Stengthen belon, cell has been we shall there in the state of the last of Since he been we, and the promote with changed yet at fairs, the state of the last of the last of the yet is fairs, the last at the state of the last of the yet is a state of the last of the state of the last of the las

nearly 100 tons ready to ship.

UNITED MINES (TAVISTOCK).—J. Offord, J. Rowse, Feb. 19: The shaftmen are engaged in clearing the shaft preparatory to putting down the next lift for sinking. In the ends driving west on the north and south lodes, the lode was taken down yesterday in each for 2 fms. back, and continues quite as good as reported last week.—that is, about 124, per fm. We have turned east on the north lode, and have driven 2 fms.; the lode is better east than west, 18 inches wide, tinny throughout, worth about 154, per fathom. This has induced us to take the mon from the stopes next the engine-shaft, and place them to cut through the capele near the said shaft, to see the north lode there; it will be reached this week. No change in the tribute pitches since last week. The engine is working admirably well, and the drawing machine will be in operation on Thursday.

VALE OF TOWY.—S. Thomas, T. Harvey, S. Harper, Feb. 19: At Clay's enginshaft, in the 40 fm. level, driving south, the lode is 3 feet wide, composed of barytes and gossan; in the same level north we have driven west about 6 feet, and calculate we have about 6 feet more to drive before we intersect the lode. In the 30, driving north, the lode is 2 feet wide, producing about 10 ewts. of lead per fathom; in the same level, driving south of Field's shaft, the lode is 13 in. wide, producing 14 ewts. of lead per fathom; and the 20, driving south of Field's shaft, the lode is 13 in. wide, producing 14 ewts. of lead per fathom. At Bonville's shaft, in the 30, driving north, the lode is 2½ ft. wide, producing some good lead, and improving; in the same level, driving east on the cross lode, the lode is composed ofkillas, mixed with spar; in the winze in the bottom of the same level, north of shaft, in the lode is 2½ feet wide, producing so each of Field's shaft, in the winze in bottom, the lode is 2½ feet wide, producing 6 ewts. of lead per fm.— 8. Thomas, Feb. 21: At Bonville's shaft, the winze sinking in the bottom of the 20 fathom level north, and in the 30, No. 1 winze, north of Clay's engine-shaft, are very much improved for lead since Tuesday, each at this time producing shout 1 to of lead per fm.— In the 40 south we have met with a part of the cross lode, about 3 ft. in width, going east; it is composed of barytes, gossan, and killas.

WEST ALFIRED CONSOLS.—S. Lean, R. Stevens, Feb. 20: The ground at Phelpe's shaft, sinking below the 75, is a little more favourable for sinking. The lode in the 75 west is 7 ft. wide, and will yield 2½ tons of ore per fm.; the lode in the eastern of this level is 3½ ft. wide, containing a small portion of ore, but not enough to value. No lode taken down in the 65 west in the past week. The stopes in east end of same winze are worth 14t. per fathom. All the other tutwork bargains are without alteration since our last report.

WEST BASSET.—W. Roberts, Feb. 16: On the north lode the sin

WHEAA ARTUUL—T. Corporate, "ch. 18;"—60. Lie: The loads in the 20 fm. the 20

WHEAL TREBARVAIL—M. W. Michell, B. Gundry, Feb. 20: The lode in the 60* cast of flat-rod shaft, is 1 ft. wide, worth 44. per fm. The lode in the 50 cast is 8 in. wide, containing stones of ore; a pitch in working in back of this level by four men, at 5s. 8d. in 14. We have two pitches working in the back of the 40, at 10s. in 14.

The 20 is extended 4 fms. west of the cross-course, lode in the present end 1 ft. wide, worth 106, per fm. We are not able, as yet, to resume the sinking of the new shaft, in consequence of the water.

in consequence of the water.

WHEAL TRELAWIY.—W. Bryant, W. Jenkin, Feb. 19: Smith's engine-shaft is sunk 5 fms. 5 ft. under the 120 fm. level. In the 120 north the lode is 1/5 ft. wide, worth 121, per fm. : in the same level south it is 2 fect wide, worth 121, per fm. In the 168 north it is 1/5 ft. wide, worth 7/5, per fm. In the 168 north it is 1/5 ft. wide, worth 7/5, per fm. In the 168 north it is 1/5 ft. wide, worth 1/5 per fm.; in a winze sinking in the bottom of the 108 north it is 1/5 ft. wide, worth 1/5 per fm. In the 1/5 ft. wide, worth 1/5 per fm. South Mine: In the 1/20, south it is 2 ft. wide, worth 1/6 per fm. South Mine: In the 1/20, south it is 2 ft. wide, worth 1/6 per fm. In the 1/20 south it is 2 ft. wide, worth 1/6 per fm. In the 1/20 south it is 2 ft. wide are much as usual. We sold, on Saturday last, the parcel of lead ores sampled on the 28th inst., to T. Somers, Esq., at 24/6. 55. 64. per ion.

WHEAL ZION.—J. T. Phillips, Peb. 20: In the 50 fm. level east the lode is large, principally composed of spar, with mundic and stones of copper ores. In the 40 west the lode is 4 ft. wide, carrying a good leader of ore on the north or footwall, producing from 3 to 4 tons per fm. We have taken the men from the 40 east, and put them to drive the 50 cross-cut north from enries-shaft, as the lode does not appear to be wholly cut through at this point, The 40 cross-cut south is without alteration. No change in the 30 west.

Who Mining Market, Wriger of Matala Area V.

M	STAL MARKET, London, Feb. 22, 1856.
соррив. £. с. d.	Bnass (sheets)p. lb. 121/d.
Sheathing and bolts p. lb. 0 1 2	Wire 11%d.
Bottoms 10 1 3	QUICKSILVERp. lb. 1s 9d-1s 9%d
Old (Exchange) 0 1 0%	SPELTER. Per Ton.
Best selectedp. ton 129 0 0	Foreign 23 10 0
Tough cake ,, 126 0 0	To arrive 21 0 0
Tile 19 126 0 0	
South American * 110 0 0	In sheets 31 0 0
raon, per Ton	
Bars, Weish, in London . 9 10 0	Tis.
Ditto, to arrive 9 0 0-9 5	English, blocks 129 0 0
Nail rods 10 0 0-10 10	Ditto, para (in parrets) 130 0 0
stafford, in London 10 10 0-11 0	Ditto, Renned
Bars ditto 9 7 6-11 0	Banea
Hoops ditto 10 0 0-12 0 0	Straits129 0 0-130 0
Sheets, single 11 0 0-13 0	
Pig. No. 1, in Wales 4 10 0- 5 0	IC Charcoal, 1st qua. p. bx. 1 16 6- 1 17
Refined metal, ditto 5 10 9- 5 15	IX Ditto 1st quality ,, 2 2 6-2 3
Bars, common, ditto 8 5 0	IC Ditto 2d quality , 1 11 6
Ditto, railway, ditto 8 0 0-8 2	
ditto, Swed. in Lon 13 15 0-17 10 0	IC Coke
Pig, No. 1, in Clyde 3 8 6-3 10 (IX Ditto 1 17 0
Ditto, in Tyne and Tees. 3 15 0-	Canad. platesp. ton14 10
Ditto, forge 3 10 0	In London; 20s. less at the works.
Staffordshire Forge Pig. 4 15 0- 5 0	
Welsh Forge Pig 3 15 0-4 0	Yellow Metal Sheathing p. lb. 11%d
LEAD,	Wetterstedt's Pat. Met p.cwt. 2 2
English Pig 26 10 0-27 0	Stirling's Non-lamina- ting, or Hardened, 9 0 0- 9 2
Ditto sheet 27 0 0 27 10	Surface Bails n ton
Ditto red lead 26 10 0-27 10	Stirling's Patent Glasg 5 5
Ditto white 27 10 0-30 0	Toughened Pigs Glasg 5 5
Ditto patent shot 27 10 0-28 0	Ditto Wales 4 0 0- 4 5
Spanish, in bond 24 10 0-25 0	Indian Charmal Piers
American none.	in London 7 0
PORRIGN STEEL.	MANGANESE.+
	Groundp. ton 6 5 0- 6 15
Ditto, in faggots 21 0 0	Giessen Lump 9 4 5 0
	Nassau ditto 3 15 0- 4 0

At the works, is, to is, 6d, per box less.
 Thirty days' credit, and freen board at Rotterdam. The per contage of peroxid s about 69 for Nassau lamp, 60 to 61 for Giessen, and 70 and 73 for ground.

REMARKS.—Our market has not experienced any important change in the extent of business transacted, or material difference in the value of metals. The enquiries generally have been of a most satisfactory character, and sufficient to lead us to conclude that most sellers must be well supplied with orders, and that with the exception of occasional slight giving way in price, which is at all times going on, more or less, from various circumstances, there will be no difficulty in maintaining prices current. Metals at the present time are well placed, and their position is supported by a regular legitimate demand, which tends to impart a healthy tone to the market, satisfies dealers as to the stability of the article they are purchasing, and promotes a feeling of confidence

-As the demand for this metal is now nothing more than or-

COPPER.—As the demand for this metal is now nothing more than ordinary, and its value continues unshaken, by reason of the combination upholding current rates in defiance of all evidence that might be adduced in favour of a slight diminution, there remains little or nothing requiring comment, the market being quiet, at fixed rates. The ores for sale on March 4 are reported to amount to 1823 tons.

IRON.—English bars have again been bought in considerable quantities, and the market still retains its former buoyancy. Staffordshire has also been in fair demand for export; prices remain as last quoted. In Scotch pigs, some speculative purchases have been made. On Monday they opened in a very unsettled state, prices varying from 66s. to 67s., and on Tuesday a further slight decline was submitted to. On Wednesday there was an evident improvement in the demand, and quotations and on Tuesday a further slight decline was submitted to. On Wednesday there was an evident improvement in the demand, and quotations were 67s. to 67s. 6d.; on Thursday, 68s. 6d., and one transaction at 69s. was announced; to-day, however, the market is again downward, and pri es on 'Change were 67s., mixed numbers, cash. From the weekly report of our Glasgow correspondent, we learn that the pig-iron market has been in a depressed state, but little changing hands; about 66s. until Wednesday, when there being less iron pressed for sale, the market rallied without almost any business at intermediate, to 68s., at which they closed vesterday, sellers: buyers at 67s. 6d., cash, without much anxiety to opewithout almost any business at intermediate, to obe, at which they closed yesterday, sellers; buyers at 67s. 6d., cash, without much anxiety to operate. Telegraphic messages since show the market to have a downward tendency. Transactions for several days have been chiefly in shipping iron, which may be quoted 69s. for No. 1, g.m.b.; No. 3, 67s.; No. 1, Coltness, 70s.; No. 1, Gartsherrie, 72s. to 72s. 6d., cash; No. 1, Forth, now in London, 85s., f.o.b. in the Thames.

LEAD.—The market has improved, and higher prices have been paid. Pig. is now quoted 92s. per too upon our last quotation.

Pig is now quoted 20s. per ton upon our last quotation.

Spelter.—A small lot has sold at 23t. 2s. 6d., but as this sale was effected in an unusual way, it is no criterion of the present price; however, the market is certainly easier, and holders wishing to realise would not obtain more than 23t. 5s. to 23t. 10s.

Tix.—English is quiet, but firm; Banca can be had easily at 130t.; Straits sluggish, at 129t.

Tix.—Plates have not altered in price.

STEEL, in small lots, can be purchased at 22% per ton.

GLASGOW, FEB. 21.—From the lowest price of last week, 66s. per ton, there has been a rally to 68s., but this afternoon there was again a flat feeling, and sellers would have taken even 67s. 6d., but buyers would not come forward. There has been another week of very small shipments. The demand for foundries is still very slack, but malleable works are fairly employed. No. 1, Gartsherrie, 70s.; No. 1, g.m.b., 68s. 3d.; No. 3, g.m.b., 66s. Shipments for the week ending February 16:—Foreign, 1050 tons; coastwise, 2775 tons = 3825 tons. In the corresponding week of 1855 they were:—Foreign, 1762 tons; coastwise, 4962 = 6724 tons.

LIVERPOOL, FEB. 21.—Since our last report a fair amount of business has been transacted in metals. As anticipated, Welsh Bar Iron has experienced a reduction in price, and can now be bought at 5s, per ton below last quotation. Staffordshire Iron may also be reported as rather easier to buy, although the market is pretty well supplied with orders. The demand for the United States has not yet fairly set in, but considerable orders are expected to reach this side by the part stemmer. Scotch Pic. iron mang for the United States has not yet fairly set in, but considerable orders are expected to reach this side by the next steamers. Scotch Pig-iron, after touching 66s, for mixed numbers, warrants, f.o.b. in Glasgow, and notwithstanding the very small shipments, has rallied, and a reaction appears to have commenced, for a good business has been done at improving rates, and 68s, 6d. cash, and 70s, three months open, can be obtained. The shipments for the week are 3825 tons, against 6724 tons in the corresponding week of last year, showing a decrease of 2899 tons, and being the smallest shipments for a very considerable period. Speculators in the the smallest shipments for a very considerable period. Speculators in the article regard the present price as healthy, and safe for operations, seeing that the iron purchased on time in Dec. last at high prices, and now coming that the iron purch ed off to a considerable extent, and consequently the market due, is clear is not so likely to suffer from any quantity of high priced iron being put upon it for sale. Tin-plates still continue to be well enquired for, and the present high rates are freely paid. English Tin is steady at our quotations, and the supply is scarcely equal to the demand. Copper and Lead show no symptoms of alteration; the demand continues very good, and smelters are not disposed to make large sales. Other metals romain unchanged. The following are the quotations:—Iron: Merchant bar, 84, 10s. changed. The islicowing are the quotations:—from the remain bar, 5. 195. to St. 15s. per ton.—Tin: Common block, 129s. per ewe, ; common bar, 130a; refined block, 135s.—Tin-plates: Charcoal, IC, 35s. to 36s. per box; coke, IC, 30s. to 31s.—Lead: Sheet, 26t. per ton; pig, 25t.—Speiter (cake), 26t. 10s. per ton.—Zine (aheet), 31t. per ton.—Copper: Bolt and sheath-

ing, 1s. 2d. per lb.; tile and tough cake, 126l. per ton; best selected ditto, 129l. per ton.—Yellow metal sheathing, 1s. per lb.—Steel: Swedish keg, 19l. to 19l. 10s. per ton; fagot, 20l. 10s. to 21l. per ton.

MINES.—Although the sum required for the new loan is not so large as was generally anticipated, the 5,000,000L have to be paid up in two months, which is more than has been generally called for in so short a period for the first instalment of the larger loans, and for a time, at least, we may expect money scarce, and speculation inactive. The advance of nearly 2L per ton on lead ores has given a little impetus to shares in lead mines, and Trelawny and East Rose have been more sought after, and have improved in price. Copperis not quite so much in demand; large quantities are coming in from Chili, and we understand that 300 tons of ore, yielding a produce of 30 per cent., have arrived at Swanzea from the Cape of Good Hope. We have long heard reports of the richness of the ores found at the Cape, and the present arrival would seem to bear them out. Thi is at a good price, still shares in tin mines are not much sought after, and, in fact, without some discovery or improvement in any particular mine to cause a demand, the market is generally flat. In the Great Consolidated Mines, a discovery, worth, it is reported, 160. per fathou, has been made in the 140 fathom level, west of the great cross-course, and in whole ground to surface. This has caused an enquiry for United, and one-third to St. Day United. The dividends in United Mines have been small for a long time past, owing to the purchase of the two-thirds referred to, and which may now turn to more profitable account. South Frances shares have been dealt in at 380 to 365; Grambler and St. Aubyn, 125; West Caradon, 130 to 135. Shares in Wheal Zion would appear, if we may judge from the Official List, to have been dealt in at all sorts of prices; the closing price is 1½ to 1½; East Rose, 6½ to 6½; Trolawny, 27 to 28; Grenvilles have been enquired after, at 1½ to 1½; West Basset, 36 to 36; Par Consols, 195 to 20; South Tolgus, 140 to 150; Rosewarne, 115 to 120; Devon Great Consols, 406; Alfred Consols, Great Alfred, and West Alfred remain quiet; South Tamar, 6½ to 6½. At North Unity, the lode in the 66 fm. level have been dealty of was generally anticipated, the 5,000,000l. have to be paid up in two months. which is more than has been generally called for in so short a period for the first instalment of the larger loans, and for a time, at least, we may end worth 10% per fm.; 12 ft. behind the end, lode worth 70% to 80% per fm.; the winze sinking below the 12, 50% to 60% per fm.; the ore dips rapidly west, and this part of the mine is likely to prove the most productive; Richards's engine-shaft, which is sinking in it, and on which a new 65-in. engine is being erected, is down 24 fms., and from the dip of the ore it is calculated to reach the ore ground before the 58 end; this shaft is in a good position to command the western ground, and the bunch of ore west of it is in some places 8 ft. wide. West Rosewarne has also been inspected; the Rosewarne lode runs through it, and the ore dipping west renders this a valuable speculation. At the North Basset meeting, a dividend of 14s. per share (4200%) was declared; this dividend was smaller than the shareholders at the last meeting were led to expect, but it is explained by 1½ year's income tax being charged in the two-monthly account, and the costs being rather heavy; the report of the mine is very satisfactory; Grace's shaft is down 7 fms below the 52, lode worth 3 tons per fm.; a rise in the back of the 52 is worth 100% per fm.; the 62 now yields 8 tons per fm.; the 72 end is worth 100% per fm.

yields 8 tons per fm.; the 72 end is worth 100%. per fm. The Mining Exchange Official List of transactions during the week:

The Mining Subscription Rooms Official List of transactions: -

Norman Subscription Robins Obligat Lies of transactions:—

Saturdary, Fra. 16—Wheal Zion, 2½, 1½, 2½; Great Alfred, 31-16, 3½, 3½; Pedn-an-drea, 1 13-16 to 1½; Wheal Edward, 4 15-16 to 5; Fort Bowen, 3-, 6d; to 3-, 9d.; Wheal Grenville, 1½; Gernick, 3½; to 85; Sonth Frances, 355 to 360; Coppor Hill, 140; Wheal Trelawny, 27½; Lady Bertha, 21-, 6d, to 22-, 6d.; Hawkmore, ½ to ½; Wheal Arthur, 6 to 6½; Rosewarne Console, 1½ to 1½; Wheal Grakus, ½ to ½; Hawkmore, 9-, to 10-,; Tincroft, 5½ to 3½; Wheal Edward, 5; Pedn-an-drea, 1½ to 1½; Lady Bertha, 21-, 6d, to 22-, 6d.; Sortridge Console, 3½ to 4; South Tolgus, 140; Great Alfred, 3½; Clijah and Went-worth, 175, to 15.

nols, 1% to 1%; wheat Greates, 2 to 1%; Lady Berths, 21s. 6d. to 22s. 6d.; Sortridge Consols, 3% to 4; South Toigus, 149; Great Alfred, 3%; Clijah and Wentworth, 17% to 18.

Terratary.—Great Alfred, 3% to 3%; Wheat Zion, 1%, 2, 2%, 2%; Sortridge Consols, 3% to 4%; Lady Berths, 20s. to 22s.; Old Wheat Russell, 20s. to 21s.; Great Sortridge, 4s. to 4s. 6d.; Great Sheba, 8% to 7; Tehidy, 3% to 3%; West Basset, 36% to 36%; Wheat Arthur, 6%, 6%, 6%; Pedn.an.drea, 1% to 13%; North Basset, 35% to 36%; Wheat Arthur, 6%, 6%, 6%; Pedn.an.drea, 1% to 13%; North Basset, 35% to 44; Clijah and Wentworth, 17% to 18; Rosewarne and Hernand, 4% to 4%; Wheat Trelawny, 26%; Sortridge Consols, 3% to 3%; Lady Bertha, 1%; Rosewarne United, 118%; Loi 19; North Basset, 43% to 44; Wet Basset, 36 to 19%; Pedn.an.drea, 1%; Wheat Elward, 5; Wheat Arthur, 6% to 6%; Fort Bowen, 2e. 9d. to 3s. 3d.; Geat Alfred, 3.46; Clijah and Wentworth, 17%.

Terratary.—Wheat Elward, 5; Wheat Arthur, 6% to 6%; Fort Bowen, 2e. 9d. to 3s. 3d.; Geat Alfred, 3.46; Clijah and Wentworth, 17%. Wheat Zion, 35s.; Hawkmoor, 7s. 6d. to 8s. 6d.; Alfred Consols, 15; Wheat Arthur, 6% to 6%; Lody; Pedn.an.drea, 1%; Great Alfred, 3%; Wheat Telawny, 26%; Vale of Towy, 27s. 6d. to 39.; Fortridge Consols, 3%; Bolling Well, 14 to 15; East Darren, 82%; East Wheat Rose, 62 to 64; North Buller, 6% to 6%.

Business reported to have been done on the Stock Exchange :-

SATURDAY, FEB. 15.—East Whoal Rose, 61; Sortridge Consols, 3½; Swamponl, Jheal Russell, ½; Whoal Zion, 2 to 2½; Tingroft, 5; East Wheal Russell, ½; Mona Zion, 2 to 2½; Tingroft, 5; East Wheal Russell, ½; Monpay.—Brazilian Cooses and Cutaba, 2½; Copiapo, 23; United Mexica, Tussoay.—Rosewarne, 117, 120, 119; Alfred Consols, 15; Wheal Arthur, 6; 14; 3½; 63; Wheal Edward, 5 to 34; Sortridge Consols, 313-16; Nanteosenrhiw, 22s, to 23s.; Wheal Guskus, ¾; South Zion, ¾; East Indian Coal Coany, % presen, to ½ prem.

puny, % prem. to & reem.

Whyn kanar. — Alfred Consols, 14%; Bedford United, 10% to 10; East Wheal Rose, 53; Wheal Hender, 4½ to 4%; Wheal Tremayne, 6½; Trehane, 4½; Wheal Tehity, 3½; St. John dei Roy, 26% to 27; San Fernando, 3-16.

TRUEBLET.—West Bases, 35%; Par Consols, 10%; Theorem, 4½; Chancellors—

Thurstoay.—West Basset, 35%; Par Consols, 19%; Thurum, 17%; ville, 10s.
Philoay.—South Caradon, 307%; West Basset, 35% to 35%; North Basset, 42, %, 43; Afred Consols, 14 to 14%; North Frances, 10%; Par Consols, 19; Vale of Towy, 26s. 6d. to 27s. 6d.; Lady Bertha, 22s., 21s. 6d., 22s. 6d.; Pedn-an-drea, 1% to 1%.

The arrivals of ores and metals during the week are as follow:-SATURDAY, FER. 16.—In London, 152 pigs lead from Spain, 950 bars iron Sweden. Monday.—In London, 2033 cakes copper ore, and 900 pigs lead from Spain, 169 cases long from Balaine.

SATURDAY, FEB. 15.—14
MONDAY.—In London, 2033 cakes copper ore, and 900 pigs icea at the Monday.
Tussbay.—In London, 272 cases zinc from Belgium, 724 bars iron from Sweden.
WEDNSDAY.—In London, 272 cases zinc from Belgium, 724 bars iron from Sweden.
WEDNSDAY.—In London, 400 pigs lead from Spain, 300 slabs tin from Holland, 65
ases and 14 casks zinc from Belgium.
FRIDAY.—In London, 4 casks lead from China, 300 pigs lead from Spain.

Therefore, comprised 2508 tons of copper

The Ticketing at Swansea, on Tuesday, comprised 2508 tons of copper ores—of which 1021 tons were from the Cobre Mines; 467 from Cuba; 152, San Cayetano; 397. Chili; 90, Namaqualand; 11, Mines des Alpes. The Irish mines sold 358 tons—Berehaven, 283 tons; Cronebane, 41; The Irish mines sold 358 tons—Berehaven, 283 tons; Cronebane, 41; Tigrony, 2 (produce, 26½); and Holyford, 32 tons. A parcel of Cuba ores realised 80% 4s. per ton; the Namaqualand ores all sold high, from 27% 12s. 6d. to 34% per ton; and the Tigrony ores, 27% 10s. per ton. The next sale will be on March 4, and of 1823 tons—including Cobre, Chili, Knockmahon, British slag, French slag, Wheal Maria, Springbok, North Wales, Burra Burra, Cape, Namaqualand, and African.—The latest foreign arrivals at Swansea, include from Bilboa, 140 tons copper ore; from Torreviefa, 120 tons copper ore; from Rouen, 130 tons copper ore; and from Cuba, 550 tons copper ore.

At Truro Ticketing, on Thursday, 5585 tons of ore were sold, realising 26,9561. 11s. 64. The particulars of the sale were—Average produce, 5\frac{3}{4}; average standard, 1391. 18s.; average price, 4l. 16s.; quantity of fine copper, 302 tons 9 cwts. The next sale (3400 tons) will take place at Redruth on Thursday, the 28th inst.

At Botallack Mine meeting, on Tuesday, the accounts showed.—Copper ore sold (less dues, 1-18th), 1537!, 1a. 2d.; tin sold (less dues, 1-24th), 2336!, 19a. 3d.; sundry credits, 203f. 5s. 4d. = 4077!. 3s. 9d.—By labour cost, 1738!. 13s. 7d.; earrisage, 138!, 13s. 10d.; coals, 111; 13s. 3d.; merchants' bills, &c., 389!. 6s. 7d.; income-tax, 33s. 13s. 4d.; rent of stamps, 14f.: leaving profit, 1026!. 3s. 9d., to which aid balance last andit, 2018!. 14s. 11d. = 3044!. 18s. 8d. A dividend of 1000!. (3l. per share) was declared, and 2044!. 18s. 8d. carried to next account.

At Providence Mines meeting, on Wednesday, the accounts showed—Balance last audit, 626. 14s. 16.; copper ores sold (less dues, 34. 10s., 7d.), 624. 2s. 10d.; tin sold (less dues, 34. 10s., 7d.), 624. 2s. 10d.; tin sold (less dues, 34. 10s., 7d.), 624. 2s. 10d.; tin sold (less dues, 34. 10s., 7d.), 624. 2s. 10d.; tin sold (less dues, 34. 10s., 37d.), 524. 7s. 8s. = 5396. 4s. 11d.—By labour cost, Nov., Dec., and Jan., 1614. 9s. 5d.; carriage, 544. 13s. 3d.; merchanta bills, 5761. 15s. 11d.; leaving in hand, 3990. 6s. 1d. dividend of 2800!. (54. per share) was declared, and 899l. 6s. 1d. carried to next account.

At Wheal Owles meeting, on Fab. 15, the accounts for Oct., Nov., and Dec. showed—Tin sold, 47361. los. ld.; sundry credits, 693. lo.; subsist receipts, 2131. los. = 50193. los. ld.—Labour cost, 27721. 8s. 6d.; carriage, 1671. lls. 9d.; lords and bound's durs, 1899. 8. 2d.; merchants' bills, 12991. lbs.; subsist advances, 2131. ls.; leaving profit, 380f. 3s. 8d.,—to which add balance last audit, 11211. lis. 6d., and deduct dividend, 340f., leaves balance in hand, 11871. lbs. 2d. A dividend of 4t. per share was declared.

share was declared.

At Dolcoath Mine meeting, on Feb. 11, the accounts showed—Ore sold, 5091, 2a.; tin sold, 50261, 14s. 4d.; arsonic, 30h.; carriage, 3f. 4s. d. (less lord's durs, 1-24th) = \$3371, 2s. 5d.—Labour co-t, Nov., 10641, 9s. 2d.; Dec., 1042, 0s. 4d.; tribute, 9621, 19s. 1d.; merchant's bills, 1932, 16s. 5d.; bank charges, one year, \$561, 16s. 3d.; leaving profit, 7184, 1s. 2d.; to which add balance last andit, 8131, 1s. 5d., and deduct dividend, 7160, leaves in hand, \$135, 15s. 8d. A dividend of 4t. per share was declared. The manager reported everything going on most favourably. The amount of dividend declared was not only likely to be continued for a long time, but there was every prospect of an early increase.

Levant Mine declared a dividend of 3201. (21. per share) on 12th inst.

Levant Mine declared a dividend of 320. (22. por share) on 12th inst. At North Basset Mine meeting, on Wednesday (Mr. W. A. Thomas in the chair), the accounts showed—Balance last audit, 5332. 11s. 3d.; copper ore sold, 8940t. 9s. 3d.; advance on tribute, 1701.; discount, 11. 5s. 2d. =14,644. 9s. 5d.—By labour cost, Dec., 1927. 1s. 2d.; 19s., 1285.1 9s., 9s.; merchants' bills, 795. 14s. 10d.; tribute, 6934. 4s. 10d.; lord's dues, 5934. 19s. 7d.; sundries, 404. 8s. 10d.; eredits, 1904. 3s. 1d.; income tax, 3914. 12s. 9d.; dividend in Dec. last, 52306. leaving in hand, 4373f 7s. 5d. The estimate of receipts over expenses up to the next meeting was 4244f. 18s. 3d. A dividend of 14s. per share was declared. Capt. T. Glanville reported that the lode in Grace's shart yielded 3 tons of copper ore per fm.; in the 42 west 4 ft. wide, 1 ton per fm.; in the rise in the back of the 32 the lode was worth 100, per fm.; in the 52 the lode produces 8 tons of compact yellow ore per fm.; the 72 has greatly improved, worth 100, per fm.; the 42, west of Grace's, 1 ton per fm. The Ewery Mine (Portyships) committee declared a dividend of 7004.

The Eyam Mine (Derbyshire) committee declared a dividend of 700%. (10s. per share), on Thursday. They sold, during the past and present month, 82% tons of lead ore.

At Wheal Wrey Consols meeting, at Liskeard, on Tucsday (Mr. Peter Clymo, jan., in the chair), the secounts snowed—Lead ores sold, Sept. (deduct credited last account, 2263, 13a, 14d.), 14f. 14s. 7d.; Nov., 1416, 14s. 9d.; December, 1336, 4 s. 65.; Jan., 2337, 16s. 11d. = 5903, 10s. 8d.—By labour cost, Oct., 832f. 3s. 8d.; Nov., 714f. 19s. 7d.; Dec., 986f. 12s. 9d.; merchants' bills. 817f. 3s. 11d.: leaving profit, 1644f. 10s. 9d.; to which add balance last audit, 117, 3s. 3d.—1761, 14s.—A dividend of 1333, 12s. (7s. per share) was declared, and 209f. 2s. carried to next account. The agents reported that the lode in the 35 fm. level south was 2 ft. wide, yielding I ton of lead ore per fm.; north 2½ ft. wide, 12 cwts.; in the 23 north 3 ft. wide, 18 cwts.; in the 23 north 3 ft. wide, 8 cwts. of lead ore per fm.; in the 12 north it was 1 ft. wide, good stones of lead. They sampled, yesterday, a parcel of lead ore, computed 70 tons.

At St. Day United Mines meeting, on Wednesday, the accounts showed —Balance last audit. 38971, 17s. 1d.; ores sold, 51631, 6d. 3d. =90611, 3s. 4d.—Mine cost and merchants' bills to end of Dec., 49181, 15s. 1d.: leaving balance in favour of adventurers, 41121, 8s. 3d.

adventurers, 41121. 8s. 3d.

At Tokenbury Consols meeting, on Thursday (Mr. J. S. Walker in the chair), the accounts for Nov., Dec., and Jan. showed—Balance against adventurers to end of Oct., 3971. 11s. 5d.; labour costs, 3981. 16s. 2d.; blire, acc., 4892. 0s. 11d.=112251. 8s. 6d.—Less call, Nov. 21, 10004.: leaving balance against adventurers to end of Jan., 2251. 8s. 6d.—Less call, Nov. 21, 10004.: leaving balance against adventurers to end of Jan., 2351. 8s. 6d. The committee were authorized to treat for the sale of the set and materials, and report to an adjournment of this meeting, ts be held on March 18—the workings means while to be continued on D lode.

At Orsedd Mine meeting, on Wednesday, the accounts showed—Balance last audit, 1004. 6s. 9d.; calls, 2934. 5s.; sales of lead ore, 3104. 184.=7044. 9s. 9d.—Mine cost for Oct., Nov., Dec., and Jan., 5614. 12s. 5d.; Mesar. Taylor, on account of steam-engine, 1004.: leaving in hand, 424. 17s. 4d. The balance of liabilities over assets (including payment of engine, 18 t. 14s. 6d.) is 1924. 6s. 5d. A call of 3s. per have was made.

assets (including payment of engine, 18 L 14s. 6d.) is 1921. 6s. 5d. A call of 3s. per share was made.

At Whoal Jane (Kea) meeting, on Monday, the accounts showed—By calls, 5121.; mundle sold, four months, to end of Dec., 9951. 11s: 2 cs. san., 321. 7s. 8d.; itin, 931. 14s. 3d.; carriage and quay dues, 331. 17s. 3d. = 10871. 10s. 24.—Balance last andit, 4731. 8s. 5d.; labour cost and merchants' bills, September, 2871. 16s. 6d.; Oct., 2931. 7s. 6d.; Nov., 2951. 2s. 6d.; Dec., 2941. 11s. 2d.; dues (1-18th), 621. 6s. 3d.; leaving in hand, 931. 16s. 10d. Capt. H. Tregoning reported that Tregoning's engine-shaft was sank 77 fms. 2 ft., being 30 fms. below addt, from whence they have commenced a cross-cut; ground promising, with small veins of copper ore, and very wet. In the deep salit they were stoping the bottoms; the lode on the north part was very productive for mundic, mixed with black ore, but, owing to the water, the latter cannot be saved. The tribute pitches are looking well.

At Wheal Margery meeting, on Feb. 13, the accounts showed—Balance end Sept., 3101. 19s. 3d.; labour cost, Oct., Nov., and Dec., 8714. 0s. 11d.; materials and cools, 2651. 3s. 3d.—14501. 3s. 11d.—By call of 10s. per share, 2564.; carriage, 3f. 19s. od.; black the old, 1234. 5s.; copper ore sold, 9914. 16s. 9d.; leaving balance against adventurers, 75f. 2s. 5d. The purser was authorised to obtain a suitable engine for stamping and crushing, and a sail of 10s. per share, 512th) made.

At the Rhoswydol and Bacheiddon Mines bi-monthly meeting, the accounts showed an expenditure of 5881. 13s. 1d. during the two months, and proceeds of ore sold 10632. 9s.; leaving balance in favour of mine, 4741. 13s. 11d., besides a cargo of ore of 34 tons, not yet sold.

At the Dyfingwm Mines bi-monthly meeting, on Monday (Mr. Thomas Waller in the chair), the accounts showed—Balance last andit, 791. 5s. 5d.; calls, 472f. 11s.—551f. 16s. 5d.—Labour cost, Oct., 97f. 7s. 6d.; Nov., 123f. 19s. 7d.; 19c., 1354. 4s. 3d.; merchants' hills, 83f. 0s. 9d.; sundries are was made.
At Wheal Jane (Kea) meeting, on Monday, the accounts showed—By

(f. Lady interest of the adventurers.

4.1 Michell Mine meeting, on Tuesday, the accounts showed—Balance det., 129;

4.2 a. 6d., a. 82½;

Calls, 342. 7s. 6d.; mine cost for Oct, Nov., Dec., and Jan., 4471. 2s. id.—5071. 2s. id

At M from las 10831, 19 691, 9s.; 541, 18s. per shar At W lance last Dec., 19 Agar, fo By calls 2221. 9s. call of 2 that the in the 8 caunter At C Downin lutely for amendar taken a peared votes in At 1

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the aco August and Me Sirr and be four At 1 count, made. 5221. 18 yieldin produc one of At last at 6631. 4 mater call of At

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show loan 1467. Taib 1291. 1610 In h mate 2231. from A the a — Do bills 2271. and Tree that who best and A T

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At Merllyn Mine meeting, on Tuesday, the accounts showed—Balance from last audit, 2095. St.; calls, 4815. 3s. 4d.; rate of ers, 1966. Ss.; lean, 2006. = 10836. 19s. 4d.—Mine cost for Nov., Dec., and Jan., 8095. 9s. 4d.; part of July bills, 693. Ss.; royalty, interest, and commission, 935. 2s. 5d.; leaving balance in hand, 516. 18s. 7d. The balance of liabilities over assets is 6386. 10s. 83. A call of 2s. 6d. per share was made.

At Morllyn Mine meeting, on Tuesday, the accounts showed—Balance from last awill, 2095, 15, callt, 4814, 58.4 cl.; sale of ore, 1964, 58.; lens, 2006.

1003, 19.5 d.—Mine coot for Nov., Duc, and Jun, 5804, 50. cl.; part of July Bills, 1616, 1816,

Orsedd, Merllyn, East Wheal Rose, Wheal Trelawny, Frongoch, East Darren, Esgair Mwyn, Wheal Mary Ann, Pantymwyn, Penyrhenblas, Westminster, Maesysafn, Minera, Bwich Gwyn, have sold leid ores. Great Polgooth and Polberro have sold black tin.

We have been informed that the process patented by Mr. Low, and on which he has been experimenting for some months at R-therhithe, has proved a failure, the produce being nil. The operations have taken place on 26 tons of ores from the mines of the Barmouth Association, which, on assay, produced 1½ oz. of gold to the ton. Still, Mr. Low has unbounded confidence in the correctness of his process, although, he states, he cannot look forward to favourable results.

process, although, he states, he cannot look forward to favourable results.

The report of the committee of management of the Altgoed Slate Quarry, the meeting of the shareholders in which we reported last week, has now be no circulated. It is an elaborate affair, and enters into a complete history of all the transactions connected with the operations of the company. They admit that the very favourable character of the property fully bears out the reports upon it; but the want of sufficient machinery prevents the company from realising the profusible results which they otherwise might do. Still they see no cause for despondency—errors have been committed, money has been laid out, not lost; and if the shareholders will be true to themselves, throw saide all petty feelings, and raise money for the machinery, they will have a profitable and permanent investment. In the report of Mr. G. Smith, he recommends the committee to get rid of the present machinery, which takes up the room where more efficient apparatus may be placed, and to endeavour to get the royally reduced from 1-10th to 1-12th.

The Great Sortridge Consols meeting is convened for Wednesday.

During the week, shares have changed hands in the following:

Dividual Minrs.—Alfred Consols, Bedford United, Botallack, Brynford Hall, Carnyorth, Cefa Cwm Brwyne, Condurrow, Dhurode, Doleouth, East Pool, Foxdale, Geginan, Gonamena, Great Wheal Vor, Laburne. Marke Valley, Nantees and Pearhiw, North Wheal Baseet, Par Consols, Pomaix, Providence Mines, Rosewarne United, Sortridge Consols, South Tamar, South Tolega, South Wheal Frances, Spearse Consols, Tamar Consols, Trehane, Tresavani, Trewetha, United Mines (Gwennap), Vale of Twy, West Basset, West Caradon, West Providence, Wheal Arthur, Wheal Base, Wheal Eller, Wheal Clifford, Wheal Exmouth, Wheal Ander, Wheal Kitty (Uny Leint), Wheal Owies, Wheal Tremayne, Wheal Wery, Wickies, Mining Company of Ireland.

Mining which Have Sold Ones.—Ballyvirgin, Bell and Lanarth, Boringdon Consols, Boiling Well, Boscean, Bryntall, Callington, Calstock Consols, Cambrian, Carvannall, Carvath United, Cipiah and Wentworth, Collacombe, Craddock Moor, Crow Hill (St. Stephen's), Cwm Darren, Devon and Cornwall United, Devon Wheal Buller, East Baset, East Buller, East Gannis Lake, East Wheal Rose, East Wheal Ruller, Gawion United, Grambler and St. Aubyn, Great Sheba Consols, Great Wheal Alfred, Great Wheal Fortune, Halamanning and Croft Gothal, Herward United, Hill Bridge Consols, Lady Bertha, Madron United, Nant-ar-Nelle, North Frances, North Towy and Cystanoz, North Wheal Robert, Pedinandres, Porkellis United, Pencorse Consols, Queen of Dart, Rosewarne and Herland United, Sithney Wheal Boller, South Carn Bres, South Garras, South Wheal Crofty, Stray Park and Camborne Voan, Tees Side, Trenow Consols, Trinity, Tyne Head, West Alfred Consols, West Sortridge, Wheal Tchidy, Wheal Uny, Wheal Zion, Yeoland Consols.

Mines wince Have North Emma, Wheal Horder, Wheal Langford, Wheal Polmer, Wheal Langford, Wheal Polmer, Wheal Eronay, Wheal Grenville.

In Poreign Mines, the market has been firm. In consequence of the favourable progress vegeted at the market of the Consols.

Altawa which was not considered by the contract of the favourable progress reported at the meeting of the Clarendon Consolidated Mining Company of Jamaica, some enquiry has been made for the shares, which changed hands at ½ to ½ prem. National Brazilian have remained firm at 2 to 2½; Imperial Brazilian, 2 to 2½; English and 2 to 2; Linares, 63; to 1½; Evaluate 12; Linares, 63; to 1½; Control Linares, 63; to 1½; Control

detailed in another column, closed with a vote of the hanks to the Chairman and directors.

At the Fort Bowen Gold and Silver Mining Company adjourned meeting, on Tuesday (Mr. George Tate in the chair), the Chairman stated that in consequence of the subscription list not having been completed, the directors had come to the resolution to propose to the meeting that the company be wound-up, as it was impossible to carry on the undertaking unless the shareholders would come forward and support it. There were several parties ready to purchase the property, and who would make a good thing out of it. The mine having been proved beyond all dispute to be rich, the indifference of the shareholders seemed unaccountable. A shareholder said there were several persons in the room ready to increase their subscriptions, and evenually the list was made up to 4000l. An amendment to the resolution from the chair was put by Mr. Guedalla, seconded by Mr. Cooke (firm of Powell and Cooke), and carried unanimously—"That the meeting be adjourned until Thursday next, and notice given that unless the amount of 5000l. on debonture, as above (of which 4000l, has been already raised), be subscribed on or before that day, that legal steps be immediately thereupon taken to wind-up the company." Unless the sum named is fully subscribed for on or before Taursday, the 28th, the directors will send out by the mail of March 1, orders recalling their staff at the mine, and to suspend all their works. A vote of thanks having been given to the Chairman, the meeting was adjourned to the 28th instant.

At the East Indian Iron Company meeting, on Wednesday (Mr. R. W.

to the 28th instant,

At the East Indian Iron Company meeting, on Wednesday (Mr. R. W. Crawford in the chair), the report submitted stated that the annual accounts and report from the chief manager in India had not arrived, owing to unavoidable delay, and, consequently, the directors were unable to prepare a complete statement of the proceedings of the company. Measrs. J. U. Ellis, W. J. Hamilton, and Geo. Norton, were re-e-ceted directors, and Mr. A. H. Bosanquet was elected in the room of Mr. J. D. De Vitre (resigned). Mr. J. E. Coleman was re-elected auditor, and the meeting adjourned for three weeks.

The Control American Mining Company sold on Tuesday at Liverpool.

adjourned for three weeks.

The Central American Mining Company sold on Tuesday at Liverpool 10 tons of silver ore, at 741. 12s. 66. per ton.

In American securities, there has been a moderate amount of business in London during the past week, without any material change in prices.

The Bosworthon Mining Company is to be dissolved under the Winding-up Act—a petition to that effect having been presented to the Master of the Rolls by Mr. P. Marrack, and his wife, of Saucreed, Cornwall; Mr. T. W. Robinson, mine ngent, Uny Lelant; and Mr. W. H. Coulson, merchant, Ponsance.

The Gold Mining Share Market continues neglected, and the prices throughout the week have been merely nominal, with the exception of Chancellors-ville Freehold, which have been freely dealt in at 1/2.

THE IRON TRADE.—The following weekly statement, to Feb. 18, has been forwarded to us from Glasgow, by Mr. Thomas Edington, showing the principal orders for rails, eastings, machinery, &c., so far as known to him to be in the iron markets of Great Britain and Ireland, not including private orders:—Onders Combers Contracted for in Glasgow.

Cutand wrought-iron work for No. 1 contract of the Loch Katrine Water Company. 1500 tons of rails for isoteh railways.

Quantities of socket pipes for some towns in England, Ireland, and Germany. New Combers.

135 tons of water pipes and other castings for Keswick.

A steam-engine, wronght-iron tank, and water pipes for March, Isle of Ely.

A beam engine, turning lathe, slotting machine, and slide lathe for London.

2000 tons common railway chairs for England.

PROSPECTIVE ORDERS.

A steam-engine, wrought-iron tank, and water pines for March, Isle of Ely.

A beam engine, turning lathe, slotting machine, and slide lathe for London.

2000 tons common railway chairs for England.

PROPECTIVE ORDERS.

New railways in the East Indies, Ceylon, and Chill.

New socket pipes for the towns of Filey, Glevedon, and Lichfield, in England.

THE IRON TRADE.—"Ironmaster," in to-day's Worcester Journal, says,
"I am very sorry that I have no better information with respect to the trade than
when I last worte. The demand is not so good as it was, and short time is being
made by most of the manufacturers of the second class of wrought-iron. Boiler and
boat plates, as well as sheets, are in very bad demand, and the orders which have
generally found their way into South Staffordsbire from the United States and Canada
in February are held back, or the iron is not required. I do not for a moment believe
the latter is the case, for unless America can do without iron, orders must come, as
there are no stocks there, and the little misunderstanding which at present exists is
most unlikely to operate against the demand. I am sure if the iron merchants there
really believed in the probability of a rupture with us that orders would soon come
in; our iron cannot (without the greatest inconvenience) be dispensed with in the
States. Ply-iron, which for so many months was (according to the wrought-iron
manufacturers' account) too high, has gone down in price considerably during this
month, and it may be fairly sand is not worth so much by 7s. 6d. to 10s, per ton as it
Christmas. There is also some little probability that coal will not be so dear for the
next few months as it has been for two years past; still it is impossible for us ever
again to have cheap coal—i.e., so cheap in proportion to the price of iron as it used to
be. In consequence of the orders for the Ordense past; still it is impossible for us ever
again to have cheap coal—i.e., so cheap in proportion to the price of iron as it used to
be. In consequence of t Barren, Regair Mayn, Wheal Mary Ann, Pantymayn, Penyrhenhlas, Westminster, Bergir Mayn, and Solid blead ores.

Great Polgooth and Polberro have sold black tin.

Mining in North Weles is in a most prosperous condition.

The Anna Maria Mine, opposite Barmouth, has passed into other hands and will be worked in a spirited manner. Capt. J. Floral is to be the agent. A new mine, containing most promising indications, will be opened set week; it is situated south of Anna Maria, and will be called Welsh (I. Console, From Gellerheiton, Capt. J. Jones reports that the lode in the back of Francis's levels has been yielding good or as il the week, and they instead to open on the old workings to meet it. Bonsali's stope yieldis is wis. of ore per fm.; lode 8 ft. and well many the state of the consoleration of

Sold at Liverpool on the 19th February.
Tons. Price per ton.
ning Co. 10 £74 12 6 Central American Mining Co. LEAD ORES. LEAD ORISS.
Sold on the 14th February.
Tons. Price per tor
12 £16 7 6

12 15 16 9

Sold on the 16th February.
9 5 £17 5 0

5 £1 10 0

20 16 2 6

55 24 5 6

Sold on the 15th February.
9 5 £2 11 0 0

20 16 2 6

Sold on the 15th February. Purchasers. J. P. Eyton. Walker, Parker, & Co. East Wheal Rose Sims, Willyams, & Co. J. T. Treffry. ditto ditto ditto Wheal Trelawny... ditto Sims, Willyams, & Co. T. Somers. Sold on the 18th Febr Sold on the 18th February.

100 £16 1 0 Walker, P2
70 18 17 6 ditto
Sold on the 19th February.
25 £15 10 0 Newton, K
Sold on the 20th February.
87 £26 3 8 T. Somers. Walker, Parker, & Co. Esgair Mwyn Newton, Keates, & Co.

Wheal Mary Ann

Ticketing at the White Horse H	otel, Holywell, 21st February.
mtymwyn 20	. £15 15 0 Walker, Parker, & Co ditto
nyrhenblas 10	15 15 6 ditto
attendentes	18 15 6 ditto
Columnater	16 0 6 ditto
iners 50	15 10 6 ditto
ditto	16 0 6 J. P. Eyton.
15	16 0 6 Walker, Parker, & Co.
BLACE	TIN
Sold on the 16	
	er ton. Amount. Purchasers.
Mines. Tons c. q. lb. Price preat Polgooth 12 18 3 3 £	£
	he Mine.
olberro 20 0 0 0 £75	17 6 £1517 10 0-Calenick, &c.
COPPER	ORES.
	at Swansea February 19, 1856.
Mines. Tons. Produce. Price.	Mines. Tons, Produce. Price.
ditto 90 121 12 1 6	Altro 24 931 04 13 6
obre 92 12½ £12 9 6 ditto 90 12½ 12 1 6 ditto 81 12½ 11 16 0 ditto 71 12½ 11 19 0 ditto 71 12½ 11 19 0	Chili 76 214 £22 9 6 ditto 74 234 24 12 6 ditto 69 22% 24 3 0
ditto 71 12 4 11 19 0	Berchaven 105 104 10 12 6 ditto 94 105 10 12 0 ditto 84 103 10 17 0 Namaqualand 29 295 31 1 6
ditto 88 14 14 8 6	ditto 94 10% 10 12 0
ditto 88 14 14 8 6 ditto 57 14 14 11 6 ditto 114 13% 14 10 0	ditto 84 10% 10 17 6
ditto 114 13% 14 10 0	Namaqualand 29 29% 31 1 6
ditto 109 14 % 14 18 0	
ditto 108 14 4 14 12 0	
ditto 108 14½ 14 12 0 ditto 96 14½ 13 17 0	ditto 8 30 4 32 6 0
ditto 85 13% 14 0 0	ditto 8 30 4 32 6 0 Namaqua 24 30 4 33 0 0 ditto 9 31 3 34 0 0
uba 115 1436 14 9 0	ditto 9 31 % 34 0 0 ditto 5 31 % 33 8 0
ditto 113 15½ 15 2 0 ditto 14 16 0	Cronebane 39 43 4 12 6
ditto 75 17% 18 11 6	ditto 2 26 27 5 0
ditto 46 22 3 7 0	Tigrony 2 26 4 27 10 0
ditto 8 10 % 80 4 U	Tigrony 2 26 4 27 10 0 Holyford 21 17 % 18 18 0
an Cayetano. 60 14 5 15 11 6	ditto 11 10 15 0
ditto 58 14% 15 11 6	Glo'ster Slag. 12 36 35 0 0 Mines des Alpes 6 19 26 11 0
ditto 34 15 15 18 6 hili 90 18½ 19 8 0	Mines des Alpes 6 19 20 11 0
hili	ditto 5 24% 26 1 0
marre junion mini /g.min	HODICE
	PRODUCE.
obre	Namaqua
	Cronebane
an Cayetano 152 2379 6 0 hili 397 8850 2 0	Holyford 32 515 3 0
Screhaven 283 3025 10 6	Glo'ster Slag 12 420 0 0
amaqualand 52 1546 8 0	Mines des Alpes 11 253 11 0
COMPANIES BY WHOM TH	E ORES WERE PURCHASED.
	Tons. Amount.
Copper Miners' Company	£2780 0 0
Freeman and Co	91 1517 18 0
P. Grenfell and Sons	281
Sims, Willyams, Nevill, and Co	
Vivian and Sons Williams, Foster, and Co	
Mines Royal Company	110 1939 11 2
British and Foreign Copper Compa	
Mason and Elkington	
F. Bankart	
C. Lambert	67 1060 5 6
Total	
Copper ores for sale at Swansea, Marc	h 4.—Cobre 86, 58, 101, 100, 9, 110, 102, 81, 49, 46 – Knockmahon 101, 36 – British Slag

24, 14 -Burra Burra 15 -Cape 10, 2- Namaqua 1 - African 14, 3. - Total, 1823 tons.

COPPER ORES.
Sampled February 6, and sold at the Red Lion Hotel, Truro, February 21.

Mines.	Tons.	P	rice		Mines. Tons.		rine.	
evon Grea	t Consols 1 163	.01	9	6	Hingston Down 42		16	-
Wheal Jos	Mian	£1	9	0	Holmbush 78		16	1
ditto	135	1	1	6	ditto 68		18	-
ditto ·	134	7	5	0	ditto 40	, 8	5	1
ditto	130	6	11	0	ditto 38	. 8	1	1
ditto	124	6	0	0	Great Sheba Consols 95	. 1	6	1
ditto	104	8	2	0	ditto 80	. 1	6	1
ditto	81	3	11	6	ditto 48	. 2	17	
ditto	79		2	0	Sortridge Consols 94	. 2	15	
ditto		9	6	0	ditto 86	. 8	16	
ditto		5	11	0	Bedford United 82	. 5	2	
ditto	52	7	2	0	ditto 70	. 7	9	
ditto		10	2	6	North Wheal Robert 96	. 8	12	
		1		0	ditto 39		17	
ditto				0	Wheal Arthur 66	3	5	
ditto			9	6	ditto 61	. 4	2	
dicto			3	6	Wheal Friendship 69		17	
ditto		1		6	ditto 47	. 7	7	
ditto			2	0	Queen of Dart 48	. 0	19	
ditto				0	1111	· î	8	
		!			ditto		10	
ditto	84	***		6			8	
ditto		1			ditto 18	. 7	16	
ditto		3		0	Gonamena100	. ,	11	
ditto	76		17	6	Devon and Cornwall 47			
		1		6	ditto 25	. 0	9	
		!	16	6	Wheal Edward 54		. 4	
		1	8	0	ditto 14		13	
Marke Valle		*** :	8	0	Lady Bertha 60		2	
ditto		:		0	West Crinnis 30	. 5	2	
ditto	66	4	1	0	ditto 25		16	
ditto		5		0	Wheal Russell 49		6	
ditto	37	(5 8	0	Wheal Crebor 45	. 2	13	
ditto		1	3 2	0	Wheal Zion 37	. 4	19	
West Carad			14	0	West Collacombe 35	. 5	4	
ditto	75	1	0	0	Feock Works Regulus., 30	. 6	9	
ditto		7	11	6	Wheal Polmear 25	. 11	11	
ditto		11	19	6	Great Dowgas 20	. 2	10	
ditto		10		6	East Whea. George 16	. 6	2	
ditto			10	0	Gunnis Lake 5	7	12	
		10		6	ditto 3	. 7	9	
ditto	77			6	Bawden's Ore 5	.,		
ditto	**	****		6	Danach B Old	. 0	10	
ditto		6	, ,	0				

£317 13 0 782 10 0 331 14 6 5 15 12 0 34 17 6 10 0 12 7 6 12 0 7 6 | Devon Gt. Cons. | Wheal Josiah | Wh. Anna Maria | Wheal Fanny | 2661 | £10272 | 9 | 6 | Wheal Thomas | Wheal Thomas | Wheal Thomas | West Caradon | 376 | 3133 | 19 | 6 | West Caradon | 376 | 3133 | 19 | 6 | Wheal Zhon Dwn | 250 | 1751 | 14 | 0 | Wheal Zhon | 37 | Holmbush | 224 | 1464 | 2 | 0 | West Collacombe | 35 | Sortridge Co-asola., 180 | 1019 | 16 | 0 | Wheal Zhon | 37 | Wheal Zhon | 38 | Wheal Zhon | 37 | Wheal Zhon | 38 | Wheal Zhon | 39 | Wheal Zhon | 39 | Wheal Zhon | 30 | Wheal Zh

COMPANIES BY WHOM THE ORES WERE PURCHASED.
Amoun Mines Royal Company Vivian and Sons
Freemen and Co.
Grenfell and Sons
Sims, Willyams, Nevill, and Co.
Williams, Foster, and Co.
Spitty Copper Coappa
Mason and Bikington
E. Bankart
E. Bankart Mason and mason.
P. Bankart
Copper Miners' Company......

Copper ores for sale on Thursday next, at Tabb's Hotel, Redruth.—Mines and Parcels.—United Mines 766—Fewey Consols 472—Treasvean 459—South Cararlon 367—Perran United 315—West Wheal Damvel 212—Wheal Comfort 207—Wheal Clifford 290—Craddock Moor 120—Wheal Mary Great Consols 93—Creepbra was and Penkevil United 79—Wheal Vyyan 71—Wheal Cupid 25—North Downs 12.—Total, 3400 tons. Copper ores for 'sale on Thursday week, at Bawden's Hotel, Fool.—Mines and Parcels.—Wheal Basset 632—South Wheal Frances 550—North Roskear 401—South Tolgus 271—North Wheal Criffy 362—Wheal Seton 233—Cembroke and East Crimits 210—West Seton 236—Great Onslow Consols 123—Copper Hill 66—West Stray Park 30—Gurnick 21—South Roskear 13—Treffry's Regulus 9.—Total, 3120 tons. £26,956 11 6

Year.	Tons.	1	rod		Amou	nt.			Stand	lar	d.	0	re c	opp	er		Cal	ke ci	pper	
1947	2654		936		£17,313	2	0		£ 97		0		£68				693		£98	
1848	2506	1	0%		16,787	8	0		91					15	0	1	98	0-	96	0
1849	2990		9%		17,723	1	0	***	90	- 8	0	***	61	15	o		84	0		
1850	2896		916		20,279	9	0		107	5	0			14			88	10		
1851	3057		95	***	18,257	17	0	***	95	19	0	***	65	14	0		84	0		
1852	3692		8%		00 550	16	0		105	10	0		72	15	0	***	88	10		
1853	4627		734		38,643	17	6	***	155	1	0		116	13	0		126	0		
1854	4419		6%		30,092	1	0		144	13	0	***	103	1	0		126	0		
1855	4805			***	07 500	11	6		141	17	0		95	16	0	411	126	0		
The cop										per	to	n c	f eo	ppe	7	paid	to 1	he i	miner	

LE SUNCO LOURNAL

Botices to Correspondents.

- Much inconvenience having arisen in consequence of several of the Number-during the past year being out of print, we recommend that the Journal should be regularly filed on receipt: it then forms an accumulating useful work of reference.
- The Ticketings—Snelters and Miners.—Sir: "Observator," in your last week's Joarnal, appears to be very anxious for the interest of the miners; indeed, far exceeding that generally adopted by the class to which I suppose he belongs—a smelter. Is it possible that the party to whom he alludes is endeavouring to break through a system that has been considered injurious to the miner? If so, perhaps they had better support him, although it may offend the ten who act in unison.—A LONDON SHARKHOLDER: Feb. 19.
- A LONDON SHARKHOLDER: Feb. 19.

 CORRESPONDENCE OF THE "MINING JOURNAL."—Size: I should feel obliged if your gorrespondent, "Ops." would exercise a little more discretion in his classification. I decline the honour of being named in the association. Whatever may be thought of Mr. Birkmyre's notions in treating auriferous minerals, he is, at all events, a very good and steady assayer, and I was very glad to engage him for that purpose in the Port Phillip Company's establishment at Melbourne. The laboratory is not the place to study mining, nor yet to learn the effects of large iron pans, with heavy balls, quarks, and quicksilver; it is very different to a small pestle and mortar experiment. The results of such a mechanical application are the following: "The iron is ground, and forms an amnigam; this again becomes ground and divided, and mechanically mixed with the fine sulphurets, and carried away in the silme. If heat be applied underneath, the bad effects are found still worse, and equally destructive to the mercury with calcined sulphurets.—Evax Horkins: Gresham Hosse, Feb. 20.

 Mew Drawnon Mercury.
- EW DEAVING MACHINE —A correspondent objects to the credit of inventing the new hauling machine at Devon Great Consols being given to Mr. John Vigus, as two or the same principle have long been at work in Old Wheal Friendship, which were designed by Mr. A. Rowse.
- designed by Mr. A. Rowse.

 **L. M." (Reading).—There have been various machines constructed, and patents taken out, for bending iron plates or bars to any necessary curve, both by rollers and sat pressure. One of the best of the latter was patented by Mr. T. B. Turton, of Sheffield, in 1849, and will be found described, with a diagram, in the Missing Journal of March 31 in that year. Is this machine, the process of bending and fitting is performed by suitable shaped blocks; a lower one, firmly attached to a solid bed-plate, remains stationary; and an upper one, fitting into the lower, is made to lift up by a lever, to allow the bont sheet or bar to be removed, and an unbent one to be put in its place. The necessary pressure may be applied either by the beforementioned lever, by hand pressure, or by steam or other power.

 LIVERPOOL COPPER ORE TEXERTING.—In our last Journal, it should have been stated that the copper ore sold at Liverpool on the 1st inst. was by Messra. Enthoven and Sons, and not by Messra. Mjers.

 THE GREAT CAMBELEN COMPANY.—SIG: Being one of several creditors in this town

- Liverpool. Coppers Our Ticketing.—In our last Journal, it should have been stated that the copper ore sold at Liverpool on the 1st inst. was by Messrs. Enthoven and Sons, and not by Messrs. Myers.

 TRE GREAT CAMBRIAN COMPANY.—Str: Being one of several creditors in this town who have long expected that the Great Cambrian Company would, before this, have come to a settlement with the men lately in their employ, and being very averse to pash the latter for my claims, in order to prevent the parties being sued by them, I now begin to fear this course of conduct on my part has not been beneficial to my interests. May I. therefore, on behalf of several creditors, as well as myself, beg of you, or some of your correspondents, to throw a little light on the subject, as to what they are doing by what they call "winding-up," so that we may judge for ourselves as to the best course to be now pursued? The men "promise fair," to pay when the company pay them; this, however, is a very inadequate promisery note for some scores of pounds to a poor and obliging—Thadesmax: Dolgelly, Feb. 20. GRAIX CRINIM MINK.—We have received a communication from "C.," in number to our correspondent, "H.," last week. It would appear that "C.'s" knowledge of Mr. Manuel is rather limited, as we have reason to believe from his youth he has been engaged in mining operations; and, perhaps, Mr. Manuel will excuse our observing that it might have been more to his interest if he had continued to devote his ability to practical mining, in preference to his present occupation.

 Chancellorsylle Frenchold Gold Company.—The price these shares are now fetching in the market is about 10s, per share.

 IRON PAYEMENT—"F. S." (Highgate).—The iron payement recently laid down in Leadenhall-street, and which we noticed in the Mining Journal of Jan. 19, appears at present to stand exceedingly well, presenting an undisturbed curved surface, and a good foothold for the horse. One advantage claimed by the patentee is, however, not borne out in practice,—freedom from noi

- When the communication can be readily obtained.

 When the communication respecting this mine, which, from its exparte character, we do not publish. The writer says that, from the encouraging reports in the Mining Journal, he was induced to inspect it, and found that they were all exagerated, and some untrue. We should recommend parties interested to obtain a proper inspection by an impartial agent, and a report, and thus ascertain the real position and prospects of the adventure.

 *** P.*** (Shadwell).—The improved air-pump, patented by Mr. Siemens, of the Adelphi, was described in the Mining Journal of April 23, 1849. Its principal feature consists in having two cylinders, one below the other, having a plate between; and the lower cylinder having only one-third or one-fourth the sectional area of the upper one. One piston red works both pistons, passing through an opening in the plate between, in which is a silk valve. The patentee estimates that in this new pump the vacuum can be made in equal time 10.000 times more perfect than by the ordinary pump, in which only one cylinder is employed.

 WEST MARIPOS COMPANY.—"W. S." (Abingdon).—It will be seen in our advertising columns that Mr. Guedalla has called a meeting for Tuesday next, to be held at the North and South American Coffee-house, at one velock.

 BRITISH AND COLONILL SMELTING AMD REDUCTION COMPANY.—In answer to everal
- North and South American Coffee-house, at one o'clock.

 British and Colonial Smrling and Reduction Company.—In answer to several correspondents, we have to inform them that, at the last meeting, the directors distinctly pledged themselves that they would engage to pay all present and fature liabilities, upon condition of the assets of the company being given up to them. The whole of the shareholders present appeared to be of opinion that it was a liberal offer on the part of the directors, and several expressed a wish that, at the adjourned meeting, there would be a very full attendance of the proprietors, to consent to the winding-up of the company upon the above terms.

 "M. and S. (Stocknow)—We should recommend an inspection of the stock of gas.
- "M. and S." (Stockport).—We should recommend an inspection of the stock of gas chandeliers, &c., at the manufactory of Mr. W. Potts, 16, Essy-row, Birmingham. chandeliers, &c., at the manufactory of Mr. W. Ports, 16, Easy-row, Birmingham, Gonamera Misk.—A correspondent, writing on the present position of this adventure, is anxious to ascertain correctly what is doing. He says, the report for Oct. stated that there were some hundreds of tons of ore in sight, and, it appears from the Journal, that 100 tons had gone to market. This, he says, has been jung broken in the bottom levels some years, and not recently obtained, as represented; and, as far as the writer can understand, he considers the company in a very unsatisfactory position. At the last meeting no call was made, although at least 11, per share was necessary, as the mine was in debt 6691 5s. 9d., besides two months' cost, and at that meeting 10:01, was borrowed to carry on the mine. Our correspondent rankes the accounts stand thus—A total debtic of 21:09. 5s. 9d., and if he ore realised 10:00., it leaves a liability of 11:091. 5s. 9d., wh ch will take at least a 25s. call to meet. He complains, too, that the engine has only a 22 in, cylinder, when a 50 in. Is required, the mine being 100 fms. deep; and many of his co-adventurers are selling their shares, not seeing much prospect before them. We think there must be some error or misinformation in our correspondent's details, and shall be happy to insert any explanation, to put the company right with the public.

 Porr PHILLIF GOLD COMPANY.—"A Holder of Many Shares" can obtain a copy of
- happy to insert any explanation, to put the company right with the public. Pour PHILLIF GOLD COMPANY.—"A Holder of Many Shares" can obtain a copy of the directors' report on application at the office. If considered desirable, the necessity of a postpenement for its further consideration should be determined upon at the meeting, at which our correspondent should be present. Ontors of Reducts Indo with Out of the Control of Making Iron with Pit Coal (being a complete summary of Dud Dudley's "Metallum Martis; or Iron made with Pit Coale, Sea Coale, &c., and with the same Facil to Melt and Fine Imperfect Metals, and Refine Ferfect Metals"), will be found to commence in the Mining Journal of Oct. 25, 1851, and followed up in subsequent numbers.

 TERMOLLET DOWS——Shir; It must be very mortifying to a well-wisher of legitimate
- the Mining Journal of Oct. 23, 1851, and followed up in subsequent numbers.

 Tarkholler Downs.—Siz: It must be very mortifying to a well-wisher of legitimate mining when, after purchasing shares in this rather suspicious adventure at 11.5 s. each, besides paying numerous calls, and fully expecting to receive some benefit from the flattering reports continually issued to the shareholders, and printed in your Journal, to receive a notice stating that the mine is virtually abandoned; that dd. per share is required immediately (without the purser showing for what it is wanted, and giving a statement of assets and liabilities); and that any shareholder wishing to avoid future liability, can pay the sum due, and relinquish his shares. Now, what I wish to know is this—is a shareholder in a mine liable for costs, when a statement of assets and liabilities are not furnished to him? If any of your readers will answer this question, it will oblige one who has suffered much through these abortive schemes. Many know the questionable transactions connected with the extraction of gold from the mundle of this mine, and which caused the shares to attain such a high price in the market. Let those parties only come forward, as Mr. H. Guedalla has done, and fearliesly make public what they know, and then British mining may stand in the first rank of secure and profitable investments. Your powerful pen has done much, but, I am sorry to say, it has much to do yet to wred the bad from the geod.—R. E. Your powerful pen has done much, weed the bad from the good.—R. E.
- Now powerful pen has done much. Out, I am sorry to say, it has much to do yet, to weed the bad from the geod.—R. E.

 DUNGLEY WHEAL PRESIX.—We have received a communication from Captain John Spargo, on the subject of the remarks of "Cheesowring." in last week's Journal, in which he states that the agent's report was perfectly correct. The Dunsley property is bounded on the north by Great Phonix, on the west by South Phonix, on the south and east by Marke Valley and Rose Down setts, at the north foot of Caradon, where a small rivalet divides it from Dunsley Wheal Phonix. The new engine-shaft at Rose Down is 150 fms. due east from Dunsley new engine-shaft, and there cannot be a doubt but that they will intersect the lode in the shaft at the same depth; and any one acquainted with the locality must see that this lode will enter the Dunsley sett at a much shallower depth, as the propertre extends southwards, considerably eastward on the run of the loles. If the Rose Down and Marke Valley lodes mow discovered must in depth enter Dunsley sett, the rich lode discovered being, he believes, their south lode. With respect to the sales of ores being stated as incorrect, Capt. Sparko says there is no desire on the part of the directors, Caul. Harris, or himself, to mislead the public, and he believes the report of Capt. Harris to be substantially correct. substantially correct
- substantially correct.

 Inquirer (City).—The quotation given in our last for Welch Potosi chares was on the authority of the managing director (Mr. T. W. Wilkinson), who informed us that transfers had been registered at 61, and at 61, 10s. "Inquirer's" assertion, then, that it is difficult to get the chares transferred without paying the person into whose name they are transferred, would appear to be far from fact.

 Suncannas vy Aussia.—Our friends in America are informed that they can obtain the Mining Journal by ordering it from a bookseller in any of the principal towns in the United States. Mr. Träbner, of Paterzoter-row, is the London agent, and

- DALECARLIA MININO COMPANY.—Sin: Can you tell me what is doing in this company, and whether there is any intention to return any portion of the money the directors have received for the shares from the public? I am a holder of 100 original shares, and I can get no information about them, nor do I know where the company's offices are. I inferred from what I read in one of your Journals, several months ago, that a return was about being made to us unfortucate shareholders. Perhaps some of your readers can enlighten me on the subject.—A. E. R.: Feb. 18. Grax Whall Bery.—In reply to several correspondents on the subject of these mines, Capt. J. Maniy states that there is a cross-course between Wheal Busy and Wheal Daniel, which kept the water from entering the latter when last wrought, and also the Wheal Daniel water from finding its way into Wheal Busy, when operations were last carried on there. Wheal Busy is 100 fms. below the adit, and 10 fms. deeper than Wheal Daniel, and with this hydraulic pressure of 110 fms. packety is 700 fathoms, and that before the water from thece can come into Wheal Busy, that mine must be 330 fms. below the adit. Mr. Clark denies that there is 300,000. worth of ore discovered in Wheal Busy is but Capt. Maniy says, if he will call at the mine, he will be convinced that there is more than 500,000. worth, and that there are no two mines in the county together equal to Great Wheal Busy.

 Devon University Misses.—The secretary of this mine (Mr. Padley, 4, Union-court, Old
- EVON UNITED MINES.—The sceretary of this mine (Mr. Padley, 4, Union-court, Ol Broad.street, London) would be glad to correspond with "A Mining Engineer, whose letter appeared in the Missing Journal of the 9th inst., on the prospects of these mines, if he would favour him with his address.
- MINE AGENTS.—We cannot insert the remarks of "Fair Play," of Horrabridge; it contains really nothing but sweeping and unjustifiable charges against mine agents, which the writer not only cannot substantiate, but we do not believe he could find one in the two counties steeped in such gross ignorance as he ascribes to them, or any set of adventurers who would employ such a man. Whatever occupation "Fair Play" may follow, we should advise him to mind his business, and not unjustly asperse others, to whom, at all events, he does not show fair play.

VIS IMPORTANT.-MM. les Gérants et les Secrétaires des VIS IMFORFANT.—MM. les Gerants et les Secrétaires des Compagnies de Mines et des Sociétés Industrielles qui s'occupent de la Métal-le, sont invités à communiquer, au correspondant du Mining Journal, les ré-tats de leurs travaux. MM. les Editeurs sont prévenus qu'on rendra compte de ouvrage, se rapportant aux Sciences métallurgiques, dont des exemplaires seront oyés. Adresser (franco) on au correspondant du Mining Journal, 12, Rue de proj. à Paris, on au Directeur du Journal, 26, Fleet-street, à Londres. n «àbonne directement aux bureaux du Mining Journal en envoyant franco un dat, sur Londres, de l'liv. 6 sh. (32 fr. 50 c.) à l'ordre du directeur.

THE ONLY WAY TO MAKE RAILWAYS PROFITABLE

PLAN FOR THE BETTER MANAGEMENT OF RAILROADS.

By Frederick Chaplin.

Secretary to the London Board of the Edinburgh Life Assurance Company.

London: Effingham Wilson. 11, Boyal Exchange.

THE PROGRESS OF MINING IN 1855.

THE PROGRESS OF MINING IN 1855.

THE TWELFIH ANNUAL REVIEW.

Showing the position and prospects of nearly 250 mines.

By Joseph Yklloly Warson, FG.S.

We commend this review to the careful perusal of our readers.—Mining Journal.

Effingham Wilson, publisher, 11, Royal Exchange; also, Mining Journal office, 26, Fleet-street, London.

THE MINING JOURNAL

Railman and Commercial Gagette.

LONDON, FEBRUARY 23, 1856.

Acknowledging the truth of the observation, that gold is universally worshipped without a single temple, and by all classes without a single hypocrite, we are justified in cherishing the belief that every facility given for augmenting the aureate hoard will be taken advantage of in hot haste and avid promptness. The two bills relating to the Law of Partnership. now in the hands of the Legislature, have been discussed throughout all their bearings by the press of the United Kingdom for the last few weeks; and while their general tendency has been admitted, almost without ex ception, as beneficial to the commercial and trading associations, it is curi-ous to observe how ingenuity has in numerous instances been strained to ous to observe how ingenuity has in numerous instances been strained to prove the commentators forensically learned, and very wise, at the expense of that simplicity of construction which constitutes the most useful, because the more easily adaptable, principle of the measures. Exceptions, however, like the rear of a retreating army, are not to be attacked recklessly, and without due deliberation. Some oppose a bold front, and although of no potent material power, they develop disciplined action and well-combined organisation. The character of those bills will become better understood from the wranglings of opinion. A thoroughly diffused knowledge of them cannot fail to be of public utility; and, therefore, is reference now made to some of their provisions, already treated of, more than once, in the columns of the Mining Journal. Although the Joint Stock Companies Bill will, in all probability, have passed the second

knowledge of them cannot fail to be of public utility; and, therefore, is reference now made to some of their provisions, already treated of, more than once, in the columns of the MININO JOURNAL. Although the Joint Stock Companies Bill will, in all probability, have passed the second reading a few hours before these remarks will appear in our columns, and that some alterations will have been effected, no change will be made in its main principles; at least, it is reasonable to indulge the hope that no innovation shall take place in that respect. Whatever variations may occur in details, it is expected by the country that the old crochetty spirit of law-making, which has so long hoodwinked common sense, will be thoroughly and effectively restrained.

It has been argued with reference to the provisions of the Partnership Bill relieving dormant partners, who have loaned to a firm upon security of its gains, from unlimited liability, and permitting a commercial agent to receive remuneration for his services out of the profits of an enterprise, by way of share in the division of such profits, without incurring the risk of being involved in the debts of the company; that in the cases of a man who is not a dormant partner through the advance of capital, but who privately interferes in the business carried on, there is no protection for him under the Act from unlimited liability. This position is ingeniously taken; but it is evident that the framers of the proposed law of amendment never contemplated such an exception; but should there be any obscurity in expressing the meaning and intent of the Act on this point, it is to be hoped it will be cleared away, and a plain definition encompanies now working under the Cost-Book System, or by Deeds of Copartnery, according to the Scotch law, can avail themselves of the operation of the Limited Liability Act, it appears evident that no restriction would be enforced against their doing so, always provided the majority of the shareholders, having discharged all their liabilities have been more satisfactory had the 5th and 102d sections of the bill clearly expressed the intent of the Legislature regarding mining associa-

clearly expressed too. However, it is not too late for such an appear well to have the point settled.

The transfer of shares has long required a better regulated system than that which exists at the present moment, and the responsibility of the transferree should be plainly and clearly defined. On this question, an issue has been proposed, among other matters, of late, by an old and distinguished mine proprietor, that—should any company permit calls to exist without publishing notice of forfeiture of such shares after a given time, the purchaser of such shares, at the expiration of the period stated, should be held free of all such liability, and the loss should fall on the executive and other shareholders of the company. However, this is merely noticed and other shareholders of the company. be held free of all such liability, and the loss should fall on the executive and other shareholders of the company. However, this is merely noticed en passant, as a suggestion from one of themselves to the mining management. For ourselves, we apprehend no confusion of interests would occur from the adoption of the measures simply as they now exist. The great facility afforded by those clauses, which compel companies to clearly state their financial position, of judging as to the solvent or equivocal state of their affairs, will give a power of self-protection to purchasers of shares; and once that people begin to clearly understand, as they can easily do, how to discover the extent and nature of the liability attached to their constant.

will take care of number one in that respect. Take away all the mystery connected with "buying and selling," leaving to the dictates of common sense their unrestricted influence, and making it casy for every person to obey such dictates, and the work of good is completed. A reserved liability, or rather reserve on the price of shares, has been mooted. For instance, supposing the price of a share to be 100L, it is proposed to leave 10 per cent. unpaid, in order to provide from the stock of the company a sum to meet exigencies, arising from the contraction of liabilities through fraud or unforseen circumstances. There is no doubt considerable ingenuity in such a proposition, and it is the more worthy of being maturely deliberated on, that it originated with one of the most intelligent, and in those matters one of the most experienced, Members of the House of Commons. It is to be hoped the representatives of the mining interest of the kingdom will closely watch the passing of those bills through every stage, for improvements may suggest themselves in discussion valuable to the body at large. However, no more sectional legislation is desired; the measures have in them a principle strong in its vitality, and potent for the general good. Incorporate them once with the reformed law of the land, and trade and commerce will prosper beneath their influence.

We have been favoured by Mr. George Darlington with drawings and descriptions of a new mode of Ventilating Mines, which we publish in another part of our Journal. From the magnitude of our coal fields, and the importance of our mineral wealth, is owing our position among nations. But it is sad to reflect upon the dangers which are incident to the sons of toil, and any means which may be proposed to lessen them deserve the best and most impartial consideration. The fearful explosions in our collieries, by which a hecatomb of human beings are annually slaughtered, and hundreds are left friendless, is referred to a want of proper and adequate ventilation. For the last five years Government has appointed inspectors, for the purpose of seeing that the coal mines of this country are carried on with skill, and that every precaution is employed to protect the health and lives of the miner. On Jan. 1 last the new Mines Act came into operation, and Government then doubled the number of inspectors, making twelve now employed. This is doubtless a small number to supervise and correct the delinquencies which may creep into the operations of 2500 collieries; but it must be considered that it would not dofor Government to take the responsibility as to the safety of our mines out of the hands of the colliery manager, which would be the case if inspectors had the power to interfere with the working of the mines. Every manager ought to be held responsible for the proper safety of his own works. The principal good which we anticipate from Government inspection is the moral effect which it brings to bear upon each individual manager, in the knowledge that his acts and works will be examined into and overlooked. The manager knows not when an inspector may visit him; his attention is, therefore, more likely to be dovoted to the state of his works in little minuties as well as in larger details. In the new Act the first general rule makes it imperative that "An adequate amount of ventilation, shall be constantly produced at all colli

chiefly appointed through the influence of the advocates of the furnace system, to reconsider this recommendation of the steam jet mode of ven-tilation. The elaborate experiments of Mr. Nicholas Wood showed that the best mode of ventilation, both for economy and effect, known at

system, to reconsider through the influence of the advocates of the furnace system, to reconsider this recommendation of the steam jet mode of ventilation. The elaborate experiments of Mr. Nicholas Wood showed that the best mode of ventilation, both for conony and effect, known at the present time is furnace ventilation. The steam jet, although acknowledged to be of service in increasing ventilation, could not be compared to the furnace; for in deep mines the latter increase in effect, whilst, on the other hand, the power of the steam jet decreases. There is, however, one danger connected with the furnace,—it always must be a large open light at the eye of the pit. Should an accumulation of gases take place, and be drawn to the furnace, an explosion must inevitably ensue. This danger is endeavoured to be obviated by means of dumb dritts, and by carrying a pure current of air direct from the downcast shaft to the furnace, and entirely isolating the air which ventilates the workings of the mine from passing through the furnace. This appears to be the only manner of doing away with the danger of the furnace; but the expense of carrying out this plan is in many places so great that but few collieries can be expected, commercially speaking, to adopt it.

At the last two serious accidents which took place at the Arley Mine of the Ince Hall Colliery, in the years 1853 and 1854, the first happened as follows:—An accident had occurred to the guide rods (of wood), the furnaces were, in consequence, damped to allow the carpenters to enter the shafts for the purposes of repairs; these having been accomplished, the furnace was fired rapidly. In the mean while, and during the time of the repairs, a door had been left open, gas had accumulated, which was immediately drawn to the furnace, on explosion ensued, when upwards of fity lives were lost. At the second explosion, although different opinions as to the real cause were given and expressed, yet we believe that an accumulation of gas had taken place in one of the drifts, ei Mr. Low derives and does not allow any steam to escape into the shaft; nor uoes no value of does not allow any steam to escape into the shaft, nor uoes no propulsive power of high-pressure steam, but its latent heat, and he, therefore, obtains the power of the furnace in the shaft—viz., heat without a fire in the mine. Before water can be converted into steam, it imbibes, fire in the mine. Before water can be converted into steam, it imbibes, if we may so term it, about 1000° of heat, which becomes latent; before steam can be converted into water, it gives out this 1000° of latent heat. Mr. Low, therefore, constructs an apparatus as it were for condensing the steam, extracting its latent heat, which by radiation and conduction is given out to the air traversing the mine.

This mode of ventilation is now in operation, and has been for upwards of six months, in one of the deepest and most extensive collieries in North Wales. We are assured by Mr. Low that since his apparatus has been water. We are assured by Mr. Low that since his apparatus has been erected it has not cost the colliery one sixpence for repairs, attendance, or for steam, the spare steam from the boilers having been found sufficient. Every facility will be given by Mr. Low to any person desirous of testing or seeing the plan in operation, and we shall be glad to learn from

any of our correspondents who may visit the mine their opinion thereon.

The principle contained in Mr. Low's invention is undoubtedly good.

What is now wanted to be known is—Can it be carried out perfectly? If it answers in small mines, will it do so in moderate sized ones; and if in these, will it equally answer in the large collieries; or if answering in deep mines, will it be found as effective in those of a comparatively small denth? These are questions which we believe can only be answered by

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the practical test of the plan in question. If it answers completely, no invention will be of greater importance in coal mining. We scarcely expect that Mr. Low has brought his mode of ventilation at once to perfection: he has applied to a new purpose the *latent heat* of steam, and for the sake of humanity we trust the plan will in every respect be found successful.

On the 6th February, 1855, a report of a meeting of the Carres-Hova Copper and Lead Mining Company appeared in the Mining Journal, at which period ores had been sold; and there was a balance to the credit of the mine of nearly 200% sterling. It was then proposed that a dividend should be declared to the shareholders; but it was resolved that this sum should be employed in further developing the property. Subsequently meetings were held, but from time to time there was never a full attendance of the committee, and satisfactory explanations could not be, or were not, afforded to the shareholders,—in fact, it would appear the whole burden and brunt of the undertaking has been borne by one gentleman. The mine is now forfeited, on account of its not being worked according to the terms of the lease, and, consequently, is lost to the present proprietary.

whole burden and brunt of the undertaking has been borne by one gentleman. The mine is now forfeited, on account of its not being worked according to the terms of the lease, and, consequently, is lost to the present proprietary.

To those pretically acquainted with mining, it may appear singular that a mine, which was selling orcs so late as last October, and had a reserve fund in February, should now be obliged to be abandoned; it may, therefore, be as well to take a retrospective view of its position, and the manner in which it has been worked. The company was formed in the latter part of the summer of 1854, and was divided into 8000 paid-up shares, of 11. each. One of the committee of management was appointed a salaried director, and resided in a market-town situate about six miles from the mine; whether he was competent for the undertaking we do not presume to say; but this we have been informed, he was not practically acquainted with either underground or grass work,—in fact, that his pursuits and avocations were of an entirely different nature. Offices were taken in London, a secretary appointed, and at one period it was anticipated the property was on a sure and solid foundation. For a little time the shares were at a premium, and these were sold by some of the shareholders who were fortunate enough to obtain their scrip. Subsequently, considerable numbers of them were pushed on the market, or deposited as securities, and, consequently, they fell until they became valueless. Two of the promoters acknowledge they are indebted to the company 3804. The liabilities of the mine are 7944, 10s.; while the available assets and credits amount to 7994. 5s. 8d.; thus leaving a balance in favour of the company of 44, 15s. 8d. Upon these paid-up shares a call of 1s. per share was made; but it was not to be anticipated the majority of the shareholders would respond to this appeal, when they could judge in what manner the mine had been managed.

From practical information, we are led to believe that the sum of 5004., j

SYNOPSIS OF FATAL COLLIERY ACCIDENTS,

Half year ending— shafts	Explo- sions.	Choke I	Palls ne &	of Sun	. Total.
1851-June 30 13					
Dec. 31 5					
1852-June 30 17	33	. 1	19	27	97
Dec. 31 11					
1853-June 30 12					
Dec. 31 17					
1854 -June 30 11					
Dec. 31 15					
1855-June 30 7					
Dec. 31 18					
Aggregate126	145	6	234	230	741
Average 13	1436	36	23	23	74

MINING IN CARDIGANSHIRE-No. I.

This much-neglected section of the principality seems likely now to b redeemed from the inactivity into which it had lapsed. This desideratum has been brought about by the success attending several of the mines

redeemed from the inactivity into which it had lapsed. This desideratum has been brought about by the success attending several of the mines whose proprietors, by appropriating a proper amount of capital and perseverance, have given them a fair trial. It is well known that most of the Cardiganshire mines are little more than surface workings, and even these extremely limited and rude. There are several valid reasons why they are so—in the first place, the lords' dues throughout Wales are so exorbitant, that the poor man (generally the surface explorer) is so ground down by this oppression that he literally cannot, out of his hard-earned gains, afford to erect even the cheapest and most simple machinery.

The low price of lead and the difficulty of separating the silver from its ores (in which precious metal the Cardiganshire mineral is proverbially prolific) formerly acted as a sad drawback to their being extensively wrought. These are evils which of necessity cure themselves. The landholders seeing the enormous profits derived by Lord Lisburne and others from the mines that have been properly wrought, and feeling the conviction that they have equally good lodes in similar strata on their properties, are becoming alive to their true interests, and are now "seeking the miner," and offering him far more liberal terms than heretofore.

The numerous lakes and streams running to waste in almost every valley and gorge may be made available for mining purposes, and render the expensive steam-engine unnecessary. The high price of lead ores containing a large per centage of silver, owing to the improved method of separation and extensive demand for metals, helds out the most brilliant prospects to the miner to thoroughly exert his science on this hitherto ill-appreciated mineral tract; and by bringing the auxiliaries of capital and ability to bear on it, he may reap the reward competent judges declare are most decidedly to be anticipated. We are led to these remarks from the fact of several of them are about being resum

Mr. Frederick Chaplin, secretary to the London Board of the Edinburgh Life Assurance Company, has just published (through Effingham Wilson) a pamphlet, in which he suggests a plan for the better management of rail ways. On taking up the brochure, we certainly were anxiously expecting some new feature in Railway Reform—some feasible plan by which to extricate directors from the difficulties into which, in a great measure, they have plunged themselves; and shareholders from their suspense and want of confidence in their own property. We were disappointed: our author's plan appears to us perfectly Utopian, and one to which, if even parties could be found to agree, would be productive of inextricable confusion, worse, if possible, than that in which they are now involved. The proposition is that an Act of Parliament be obtained, enabling any existing railway company, on the vote of a certain number of shareholders, to divide and apportion their capital, and to constitute a new company. The ordinary shares to be valued at the market value of the day, to be considered the gross capital. A valuation to be made of the rolling stock, machinery, &c., to ascertain what proportion this bears to the gross capital. The shares to be then divided into two classes—the

value of one to bear the same proportion to the other as the moveable stock bears to the gross capital; and the shares thus representing the rolling stock to constitute a new company, to whom that part of the property will be transferred, and the remainder of the shares to belong to the original company. The line to be worked by the new company, the original one to be in the position of landlords only. This is the principal outline of the "plan," the details of which we cannot go into. We cannot imagine how such companies could work together, while there are many other arrangements for a division of labour which would case the directors of many of the anomalous duties of which we have so much complained, and allow them to attend to the best interests of their shareholders.

THE NEW JOINT-STOCK COMPANIES ACT .- No. III.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—The general principles and relative articles for the administration of companies under the sway of the proposed bill, having been treated of in my previous notices, I would now follow up the subject by demonin my previous notices, I would now follow up the subject by demonstrating the smallness of cost and easy simplicity of registration, with the necessary forms (abbreviated) for fulfilling the provisions of the Act, as contemplated. To illustrate the point, I will assume a fictitious company. MEMORANDUM or ASSOCIATION or THE CONSISTENT MINING COMPANY.

1. The name of the company is the "Consistent Mining Company (Limited)."

2. The object for which the company is formed is the working of the sett of for minersis, upon sound and honest principles.

3. The liability of the shareholders is "limited."

4. The nominal capital of the company is twenty thousand pounds, divided into one thousand shares of twenty pounds each.

We, the several persons whose names are subscribed, are desirous of being formed into a company, in pursua whose names are subscribed; are desirous of being formed into a company, in pursua whose names are subscribed; are desirous of being formed into a company, in pursua whose names are subscribed, are desirous of being formed into a company, in pursua whose names are subscribed, are desirous of being formed into a company, in pursua whose names are subscribed. When the company set opposite our respective names.

Number of shares taken by each.

Names and add	ressos	of subscribe	rs.	take	n by	e
1. Thomas Lode, of -	—, in	the county	of	********	150	
2. John Level	99	99	99		20	
3. Richard Shaft	**	99	99	*****	55	
4. Josiah Winze	99	99	99	*******	10	
5. James Kindly	99	99	**	*******	. 5	
6. Aliwise Promising	29	99	99		15	
7. Peter Simple	20	99	**	********	30	
Total she	ares ta	ken		*********	285	

The Memorandum of Association must bear the same stamp as a deed, the signatures thereto to be attested by at least one witness. The articles of the association, prescribing regulations for the company, may be attached; but if none attached, the code of bye-laws laid down, an abstract of which appeared in my last communication, to be deemed the regulations of the contents.

of which appeared in my last communication, to be deemed the regulations of the company.

The fees of registering the foregoing constitution of the company are 9l. 15s., being 5l. for the first 1000l. of capital, and 5s. for every additional 1000l. For registering any document hereby required or authorised to be registered, other than the Memorandum of Association, 5s.; and for making a record of any fact hereby authorised or required to be recorded by the Registrar of Companies, a fee of 5s.

The following summary and list of shareholders to be made up once in every year, and entered in a separate part of the register of shareholders kept at the office of the company:—

Summary or Capital and Sharks of the Consistent Mining Company, made up to the troop of share share 10l.

Nominal capital, 20,000l, divided into 1000 shares of 20l. each.

Number of shares taken up to the 30th of June, 1857, being 1000.

There has been called up on each share 10l.

Total amount of calls received, 8000l.

Total amount of of shares in the Consistent Mining Company on the 33th day of June, 1857, and of persons who have held shares therein at any time during the year immediately preceding the said 30th of June, 1857, showing their names and addresses, and on account of the shares so held.

**ElNames, addresses, and occupations.

Account of shares.

ger Lrs.	Names, ade	fresses, as	nd o	ecupations.			Account o	of shi	res.	
Folio in register ledger containing particulars.	Sur- name.	Chris- tian name,	Address.	Occupa-	Shares held by existing share- holders on June 30, 1857.	shar ex shar dur	ditional es held by kisting reholders ring pre- ing year.	by no	res held persons longer eholders.	Remarks.
Fo	Lode Level Shaft Winze Kindiy Promising Simple Green Sharp Wilkins Jones Smith Clearhead Williams Fomkins Fhomas Owen Watkins Short Snooks Hughes	Tho-nas John Richard Richard Richard Richard James Allwise Peter William Thomas Benj, Henry James Samuel Joseph Thomas John Sydney Harry Isaac Timothy Hugh		Miner "" Min. capt. Gent. Broker Lawyer Merchant Groeer Draper Barrister Tailor Shipowner Keren Miller Merchant Goldsmith Hotelkpr. Publican	30 200 25 150 75 50 100 10 50 10 10	80.	transfer.	80.	transfer.	Re
					1000	1	1	1 .		

	Call due from W. Green, 200 shares, at 10%. per share 2000 0 0=£10,000	0	0
1	3. Debts and liabilities of the company:— Debt owing to Mr. Conference for law expenses	0	0
	6. Reserve fund :— Profits reserved for contingencies	0	0
,	7. Profit and loss:— Balance of profit for dividend	0	0
•	Total	0	0
	CR. PROPERTY AND ASSETS. 2. Property held by the company :		
	Lease of mine		
	Leasehold buildings, houses, and offices		
	Plant, machinery, &c 1200 0 0		
,	Copper ores, 200 tons, at 101 2000 0 0 = £5,600	0	0
	4. Debts owing to the company :-		
1	Calls due from W. Green, as per contra	0	0
3	5. Cash and investments :		
	Cash invested on call, at 5 per cent, £3000 0 0		
F	Cash in bankers' hands		
	Cash in manager's hands 20 0 0 = 3,605	0	0

£11,205 0 0 Total

We, the undersigned auditors, appointed by the Consistent Mining Company, hereby certify that we have duly examined the books, documents, and vouchers of the company appertaining to the foregoing balances-sheet, and declare the same to be correct in every respect; and further, that the books are kent in the most efficient manner. We find Mr. W. Green indebted to capital account 2000l., as stated. Vouchers for investment of each were produced, and were satisfactory.

August 10, 1857.

PHILIP COMPUTER

Auditors.

All debts owing to and by the company are to be stated in detail, whether good or doubtful, secured or not. Loans on mortgage, bonds, unclaimed dividends, claims and debts for which the company is liable contingently, and particulars of shares forfeited, all in regular order, to be included in the balance-sheet.

he balance-sheet, we well, I think, if, in addition to this balance-sheet, the re-

It would be well, I think, if, in addition to this balance-sheet, the registration of a revenue account, showing how the profits are realised, were also made compulsory, thus to prevent all chance of "cooking."

The preceding forms are those to be complied with under the Act, which for simple comprehensiveness cannot be surpassed—I fear too much so for legal gentlemen who delight in complicated clauses, contradictory one of another; but, in this instance, they are doomed to bitter disoppointment, as the needful drawing up and registration process may be accomplished without the aid of Mr. Consulting Conference, and his coadjutor, Mr. Briefless.

Having endeavoured to show the pith of the new bill, which is to revolutionise the speculative world, I may, on an early occasion, touch upon the Cost-book System, in contradistinction to this, and the assimilation of the two in many respects.

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Haymersmith acts Eth 222

* the two in many respects.

Hammersmith-gate, Feb. 22.

ON THE PRESENT STATE OF THE MINING INDUSTRIES OF THE UNITED KINGDOM.

At the Statistical Society, on Monday, Mr. Robert Hunt, F.R.S., read highly interesting paper on this subject. He stated that for the last two

a highly interesting paper on this subject. He stated that for the last two years his exertions, in connection with the Mining Record Office of the Museum of Practical Geology, had been very successful, sförding him opportunities for arriving at satisfactory results as to the present value of our mineral produce. He regreted that, from a want of practical knowledge, there had been an almost incalculable amount of uncertainty in mining speculations; but whilst he was willing to admit that tunch of that uncertainty reverted to ignorance, much was caused by moivers not Mr. R. Hunt thought many advantages might be derived from a brief consideration of the conditions under which our metalliferous oldeso occurred. He especially instanced the fact that most of the great copper aims of Conval occurred near the junction of two disminer ords, and interest of the conditions of the conditions of the condition of the conditions of the conditions of the condition of the condition of west. In Cornwall and Devon, the kind of rocks where the south of west. In Cornwall and Devon, the kind of rocks where the south of west. In Cornwall and Devon, the kind of rocks where the south of west. In Cornwall and Devon, the kind of rocks where the south of west. In Cornwall and Devon, the kind of rocks where the surface of the condition of the west with the clay-side. The fact, the found in the produced was a condition of two disminier rocks. The mine grouped around the grante hills of Carnwarth and Carn Brea, the found is the condition of the great to the work of the condition of the condition of the condition of the condition, and the looks had a general run of about 20° south of west. He had prepared a long table of the produce of the various mines for copper in the district, but considered it would be amply sufficient to enumerate some half-a-lozen. An

Sopwith. Formerly the silver contained in the lead was not worth extracting if less than 8 ozs. per ton, and much of the lead sold was found to hold from 5 to 8 ozs. of silver per ton; but by a very ingenious invention of Mr. II. L. Pattinson, it was found that the silver could be profitably extracted from the lead, even when the latter contained but 3 ozs. of silver per ton; there was a saving, then, of from 5 to 8 ozs. of silver of silver per ton; there was a saving, then, of from 5 to 8 ozs. of silver on the average in each ton of lead ore, and the lead passed into the market as better lead, and rarely contained more than 7 dwts. of silver per ton. The Pattison process consists in keeping the metals containing the silver at the point at which they just maintain their liquid condition, that the lead crystallises in nearly a pure state, leaving the silver to be eventually separated by an oconomic and casy process.

Gold must not be entirely neglected. It occurred in Cornwall, Cardiganshire, and Merionethshire. In 1795 a few lumps of pure gold were found near Wicklow in the streams. The revolution which took place soon after stopped all search for gold, and it was not resumed until 1801. It was thought that, were a systematic course pursued, the result must prove satisfactory; immense works were prosecuted in the rocks themselves, but not a trace of gold rewarded this industrious exploration. The gold

satisfactory; immense works were prosecuted in the rocks themselves, but not a trace of gold rewarded this industrious exploration. The gold

found in the streams, under the direction of the Government Commis

found in the streams, under the direction of the Government Commissioners, amounted in value to 3675t, but this was obtained at at outlay exceeding ten times that sum. The gold found was of 21½ carats fineness; in the rock there was not found a trace of gold. Gold has also been worked for in Wales and Cornwall, but he believed in every instance the expenditure had infinitely exceeded the returns. In the lead hills in Scotland 25,000t, had been expended to obtain 5000t, worth of gold.

About 5000 tons of zinc ores, consisting of black jack (sulphuret of zinc) and calamine were raised, the value of which was about 17,000t. The importation of zinc in its metallic state, and of the exide, known in commerce as white zinc, was—Of metallic zinc, in 1850, 18,000 tons; 1851, 20,000 tons; 1852, 18,000 tons; 1853, 23,418 tons; 1854, 19,583 tons. And of white zinc, in 1850, 170 tons; in 1851, 400 tons; 1852, 787 tons; 1853, 342 tons; and in 1834, 338 tons. Sulphur ores are not now used 1853, 342 tons; and in 1854, 336 tons. Sulphur ores are not now used in large quantities, in consequence of the comparative cheap rate at which sulphur may be imported: it is, however, produced in some quantity in Wicklow and Arklow, and is used at some works for the manufacture of

Iron was the next subject treated of; and after describing the ores from which the metal was obtained, in every part of the United Kingdom, the author of the paper detailed, as far as his information allowed him, the localities from which each set of blast-furnaces had their supply of ore, &c.—for instance, he stated that from the Cleveland district was derived a large supply of iron ore for the manufacture of iron in the Tyno district, in which there were \$25\$ furnaces in blast during 1854, producing 275.000 in which there were 52 furnaces in blast during 1854, producing 275,000 tons of pig-iron. In the production of this, the Cleveland district supplied 650,000 tons of ore, and so for each district. The tables of the iron produce showed that there were in the United Kindom 555 iron furnaces in blast, which produced, of pig-iron, 3,069,838 tons in 1854, and about the quantity in 1855,

same quantity in 1855,

The coal produce of the United Kingdom was the last and most important consideration, Mr. R. Hunt enumerated the produce of all the coal-producing localities; and, in detailed tables, exhibited the progress of this branch of British industry. As he differed in excess in his computation from any hitherto published, Mr. Hunt gave a distinct account of his sources of information, which appeared very satisfactory. The total coal produce at the present time he estimated at 64,661,401 tons.

He (Mr. Hunt) had been unable to bring his figures further than 1854, but was preparing them for 1855, and hoped to furnish them, with the results, shortly. In 1854, the number of collieries at work were—In England, 1704; Wales, 306; Scotland, 368; and Ireland, 19, giving a total of 2397 for the United Kingdom. Of copper mines—In England, 220; Wales, 12; Ireland, 15=247. Of tim—In England, 130. Of lead—In England, 318; Wales, 179; Scotland, 114; and Ireland, 19=530.

Having now given the produce of the various minerals, he had estimated the value of the ores, &c., raised in 1855, and found it to be as nearly as possible—Tin, 559,808!; copper, 1,263,399!; silver, 147,500!; iron, 9,500,000!; coal, 15,000,000!; zine, 16,500!; and the various other metals, as arsenic, antimony, &c., 75,000!.=28,637,547!. This does not include clays or building stones.

In conclusion, Mr. R. Hunt gave some interesting returns, showing the acutal capital employed, and profits which had resulted from a large number of mines, which had been commenced, worked out, and abandoned; showing that mining operations, when carried out with good judgment, and guided by honesty, were as legitimate speculations as any in which a capitalier could engage.

Much uncertainty in mining operations had resulted, no doubt, from ignorance in many cases, from carelessness in others; and, unfortunately, The coal produce of the United Kingdom was the last and m

Much uncertainty in mining operations had resulted, no doubt, from ignorance in many cases, from carelessness in others; and, unfortunately, from principles in many which were in every way ruinous and demoralising. It appeared that out of 5,000,000% subscribed for mining operations, but 1,000,000% had ever been applied to the development of mines, the remaining 4,000,000% being absorbed in the mysterious operations of the share market, and until a better system was adopted more favourable results could not be expected. The author of the paper thought that the figures he had given were sufficient to show that, if properly conducted, and supported by thorough practical knowledge, mining was not a more uncertain channel for speculation than any other commercial undertaking; and he concluded by advocating increased instruction on all points connected with mining, and carnestly pointing out the necessity of care and improvements, to meet increasing difficulties, in almost every department of mineral industry. Much uncertainty in mining operations had resulted, no doubt, from improvements, to me of mineral industry.

IRON AND COAL TRADES OF YORKSHIRE AND DERBYSHIRE [FROM OUR CORRESPONDENT IN CHESTERPIELD.]

FEB. 21.—The position of the iron trade this week may be briefly reported. The demand for manufactured iron in these counties, although steady, is not so great as was the case a short time since. The high price of the raw material, and the position of the money market, have a prejudicial effect on the trade. The near approach of the peace negociations induces cution with regard to future operations. The American dispute is not regarded as warlike; and a tolerably good amount of orders have arrived from the States for iron this week, by the Africa. The dulness in plates and sheets, which was noticed in our last, still prevails, but the enquiry for bars has improved. There are great complaints from South Stafford-shire respecting the system of underselling, which is reported to be carried on to some extent, but we hear little of it in these counties. It is the heliof of many that a neare will be deelered early, and that such as a very belief of many that a peace will be declared early, and that such an event would cause some depression in the trade. The ease that would be given to the money market, and the additional development of trade both here

to the money market, and the additional development of trade both here and on the continent, would more than compensate for any diminution caused by a relaxation of the manufacture of war materiel.

The coal trade is represented as exceedingly inactive for the period of the year; very large stocks are on the pit banks, and in the locality of Barnsley, where the best of the South Yorkshire coals are got, the colliers are only working about half their usual time, such is the slackness of trade. In Derbyshire, we do not hear of any reduction in the amount of labour, as the number of contracts held by the largest coal masters generally enable them to keep the mines in tolerably full working.

The steel trade has been less steady in the earlier part of this week than usual, but towards the close better confidence prevailed on the receipt of more favourable American advices, which were accompanied by

ceipt of more favourable American advices, which were accompanied by

ceipt of more favourable American advices, which were accompanied by about an average amount of orders.

The Midland half-yearly meeting was held at Derby, on Wednesday, and the most remarkable feature in the proceedings was the unanimity prevalent amongst the proprietors with regard to the justice of the competition on the part of the Midland and the other companies allied with it. Mr. Ellis, the chairman of the directors, described the dispute as a scandal to the railway companies, and was favourable to a peace, but determined not to sacrifice one farthing of the interest of the company in favour of the Great Northern. The traffic of the Midland, &c., in jeopardy by the competition was stated at 23,000%, whilst that of the Great Northern was 147,000%. It was also stated by the chairman that although this severe race of competition was going on, the traffic receipts of the line, this week, had increased 2150%. The dividend agreed to was 3½ per cent. The East Lancashire Railway meeting was held on Monday, and a dividend of 3½ per cent. declared. The directors of the North Eastern Railway have issued their report; they state that the increased value of money has augmented the charge on interest 16,532%, 6x,7d. The Auckland branch of the railway is approaching completion, and the Tyne Docks are branch of the railway is approaching completion, and the Type Docks are in active progress. The dividend recommended is at the rate of $4\frac{1}{2}$ per cent. on the Berwick stock and shares, and $3\frac{1}{4}$ per cent. on the York stock. The directors state they have made amicable arrangements with adjoining rail-

way companies.

The Mill Town Lead Mine, at Ashover, is reported to be in a profitable ondition, with a large amount of ore on surface waiting to be crushed.

condition, with a large amount of ore on surface waiting to be crushed. This week, they are said to be getting a ton of ore per day.

A special general meeting of the shareholders of the Victoria Mine, Ashever, was held at the Pcaceck Inn, Chesterfield, on Wednesday afternoon last—Mr. Alfred Allsop in the chair. The first business was the passing of a resolution moved by Mr. Wigfield, and seconded by Mr. Barratt, that the remaining call of 5s. per share on 1212 preference shares be made payable to the secretary on or before the 6th day of March next. It was afterwards proposed by Mr. Heath, and seconded by Mr. Wigfield, that the infecting concurred in the report as to the condition of the mine, and declared its opinion that the position and prospects of the mine are such as to warrant the expenditure of the capital proposed by the committee.

resolution of the 25th of July, 1855, be rescinded, and that in lisu thereof, 2400 shares of 11 each be created; the 1212 already taken up to form part of the 2400 shares, bearing interest at 7½ per cent. over and above all previous shares in this company, and that the shares be allotted to the present shareholders in proportion to the shares they now hold, and that they be requested to acquaint the secretary, on or before the 5th of March next, whether they accept them or not; and in the event of their not taking up such shares to the extent of at least 600, the committee be empowered to issue the remainder to the public. ue the remainder to the public.

STOCK, MINING, AND RAILWAY SHARES IN IRELAND.

FEB. 21.—Since the fall produced by the creation of new loans, there was no material change in the market for Government stocks this week, and we were not so sensitive here as you were in London. Shares were well supported, and leading lines carried higher prices. The favourable reports from the several railway companies presenting a state unts about this time had a good effect, and the market is in a sound

reports from the several railway companies presenting a statement of accounts about this time had a good effect, and the market is in a sound and healthy condition. The following are latest prices:—Consols, 90½; New Three per Cents., 91; Hibernian Bank, 31½; National Bank, 32; Royal Bank, 20½; British and Irish Steam Company, 32½; Grand Canal Company, 38½; National Insurance, 26½; Patriotic Insurance, 8½; General Mining Company, 2; Mining Company of Ireland, 13½; Wicklow Copper Mine, 33; Belfast Junction Railway, 42½; Dublin and Drogheda, 63; Dublin and Wicklow, 6½; Great Southern and Western, 53½; Irish South Eastern, 54½; Killarney Junction, 8; Midland Great Western, 50; Newry and Warrenpoint, 4½; Waterford and Limerick, 22½. Among the list of mining reports will be found one detailing the operations of the Trinity Mining Company, as given by the efficient manager at the mines, Captain W. H. Thomas; and as presented at the meeting of the company on Monday; it was the first meeting in the present year, which is the second of the company's existence. It is stated that the prospects of the company are becoming every day better and better; encouraged by the favourable appearances presented, no expense is spared to fully lay open that portion of the property which is now being worked, and for this purpose a final call of 30l. per share was made, which makes the amount paid up on each share 250l., the sum originally settled upon. This call will, it is believed, be the last that will be found necessary, and will produce 480l.; the paid-up capital now standing at 4000l., nearly all of which has been expended in little more than twelve months, so that it may be seen with what spirit and energy operations have been conducted by this little company. Little I should not call it, if the extent of ground over which it has control, and which comprises 36,000 acres, is to be taken into account.

The General Mining Company are this week shipping about 45 tons of very rich silver-lead ore from their Shallee Mines, which are im

in character.

At the forthcoming meeting of the Dundalk and Enniskillen Railway, a statement of accounts will be presented, showing a very favourable increase in the receipts of this company, owing to the company's extension to Newbliss, opened last August. The nett profit on the half-year just ended has been 5447t, which will enable the directors to declare the usual dividend of 6s. per share, after paying all the interest due on preference shares, and on the Government loans, and leaving a balance of 541t. to be carried to the next half-year. The following sammary is given of the receipts and expenditure:—Half-year ending Dec., 1854, open 25 miles, 7000t., or 10t. 15s. per mile; half-year ending Dec., 1855, open 35 miles, 10,149t., or 11t. 5s. per mile; the respective expenditure was—in 1854, 3729t., or 53 per cent. on the receipts; 1855, 4702t., or 47 per cent. on the receipts; from this it may be seen that while the receipts have increased, the expenditure has decreased. A difference has unfortunately arisen with the contractors, which has caused a suspension of the works for the present.

arisen with the contractors, which is the present.

The report to be presented at the forthcoming meeting of the Dublin and Belfast Junction Railway will, it is stated, be a favourable one, and the usual dividend of 5 per cent., less income tax, will be declared.

The long-disputed accounts between the assignces of Evans, contractor for the Boyne Vi duct, have been, Lunderstand, settled satisfactorily, and the statement of accounts will show a continuous increase over the same half-year of 1855.

half-year of 1855.

According to the statements made at the last half-yearly meeting of the Mining Company of Ireland, the directors have lest no time in carrying their promises into effect; and Mr. Jenkin, an engineer of considerable experience, and patentee of a double reverberatory furnace, is employed in superintending new processes for smelting the company's lead ores. The great enterprise of this company is proverbial; and the same effective system of management employed over the affairs of this company for the last 32 years is steadily persevered in, so that the Mining Company of Ireland occupies one of the brightest pages in the history of Irish mining. I hope next week to commence giving an account of the proceedings of this company, from its establishment in 1824 up to the present time.

The meeting of the Great Southern and Western Railway Company will be held on the 23d inst., when a report and statement of accounts will be presented, showing the great and increasing prosperity of this company. A dividend of 5 per cent. will be declared, and a balance of 15,000% will remain to be carried to the reserve fund; further particulars

10,000, win remain to be carried to an extension of the phase of the p that one of "the phalanx of able contributors to your Journal" has determined, even at the peril of crossing the Channel, to come and judge for himself, and see whether, under Pat's auriferous influence, he can find a nugget, not along the "mud-rowling Liffey," as part of it confessedly is, but in the far west, where the sun spends his last golden rays ere he sinks on the horizon. Believe me, "Opa" will convince you yet; and the first time we get you amongst us, will esteem you a gem, though not an emerald one, and set you in "native goold."

A company for distilling brandy from beetroot is about to commence immediate operations in Limerick.

THE METAL TRADES AND INDUSTRIAL PROGRESS ON THE CONTINENT.

[FROM OUR PARIS CORRESPONDENT.]

FEB. 21.—It is impossible for your readers to form an approximative stimate of the feverish and unreasonable excitement that reigns in Paris The indecent impatience for the conclusion of peace would convey a mos unfavourable idea to foreigners of the patriotism of the French nation were it not known that those noisy disciples of Richard Cobden, John Bright, and the Marquis of Granby, have scarely anything in common with the nation—many of them, as their accent plainly tells, form no part of it. Indeed, no greater service could be rendered to French society than of it. Indeed, no greater service could be rendered to French society than the publication of the birth-places and antecedents of the boursiers and boursecotiers who, in the middle of the day, throng the Exchange here, and all the avenues leading to it, and, at night, the Boulevarts. Noisy, uncouth, vulgar, and offensive, an omnium gatherum of German, Prussian, and Dutch Jews; victims of foreign despotisms, or, rather, of mercileas creditors in their native lands; broken down tradeamen and lawyers from the provinces; dismissed Government officials; gentlemen from Brest, Beachefort and Toulous process to me of the service has a serviced. the provinces; dismissed Government officials; gentlemen from Brest, Rochefort, and Toulon, whose term of service has expired; ex-barbers, garçons de eafe, valets de chambre, and portiers, constitute the class called bourssectiers (Alley men), who are content to gain 5 or 10 frs. a day, and glory in representing the French nation after the fashion of the Tooleystreet tailors. Of course, I am far from including in this category the regular men on 'Chango. They would be only too glad to see any means devised for showing these gentry in their true colours, and banishing them from the money mart altogether, for they not only lower the respectability of the calling, but carry the baneful spirit of gambling into all—especially the middle and lower—classes of society. It is impossible to take up a daily paper without seeing accounts of distressing suicides in consequences of losses on the Exchange. On this fearful state of gangrene, so randly spreading, these impure creatures feed. What to them are liberty. ctared its opinion that the position and prospects of the mine are such as to warrant the expenditure of the capital proposed by the committee. A resolution was afterwards agreed to that a copy of the rules of the company be sent to each defaulting shareholder, requesting payment of the calls within three weeks from Saturday next, the 23d inst., and if not then paid, rule 20 of the company would be immediately put in force. It was proposed by Mr. Wigfield, and seconded by Mr. Shemmell, that the

broken again, only it must be positively determined on before next settling day. The full measure of their wrath is turning against England, for her chariness in the matter; not on account of any political principles, but because she prevents them from realising leur petits benefices. It was this party that feted the entry of M. Brunow into Paris the other evening, greeting him with cries of welcome, and throwing flowers in his path, as if the Russian ambasador was the envoy of a faithful ally. To give some notion of the number of persons who are interested in Bourse transactions; it will be sufficient to call attention to the fact that there are 785,243 holders of Government stock. Of the number of railway shareholders some idea may be formed, from the estimate that there are 2,472,000 shares, and 2,097,296,000 debentures. There is also the demi-monds, and those who live by its inhabitants, who anxiously await the presence of Messicure ise Russes in Paris. For it is stated the prodigality of the Russian satic will surpass all former examples. The most d'ordre has been given at 83. Petersburg, and unlimited credit opened for gracious young Stroggonoffs, and all the other Offs who are to dazzle and conciliate the shopkeepers of Paris; so that no effort will be left untried to convince the Parisians that Russia is the sister of France!

Before quitting the subject of the Bourse, it may be as well to state that an endeavour is being made to change the Bourse hours from 1 to 3, to from 12 to 2, but in that case it would be necessary that the Post Office bestirred itself a little; for foreign letters are very rarely ever delivered before 2 o'clock, and newspapers never before 4, oftener 7 or 8.

The last settling day was easy. The 3 por Cents. have risen from 27-75 frs. to 7395 frs.; the Credit Mobilier from 1509 frs. to 1396 frs.; Lyons from 152-75 frs. to 1590 frs.; to 1590 frs.; The fine weather, by favouring the building trade, has exercised an influence upon the metal trades in Paris. Coat-iron (coite rolls) is

that the balance of the late loans was summer for Government of the metallic reserves of the Bank and branches are 451,000,000 frs., of which 260,000,000 frs. (now 298,000,000 frs.), were bought at a cost of 3,920,000 frs. Notes in circulation, 670,000,000 frs. Coin to the amount of 452,000,000 frs. was sent to the branches, at a cost of 700,000 frs. The general movement of coin, notes, &c., 30,390,000,000 frs., showing an augmentation over the precedent year of 5,269,000,000 frs. Deposits, values, 813,610 frs., and coin, 1,074,000,000 francs. Current accounts, 119,000,000. The profits of the Bank were, 18,250,354·70. A dividend of 200 frs. was declared per share, equivalent to 40 per cent. on the original shares. M. de Warn was elected regent for four years, in the place of M. Segentii deceased; M. Bayret auditor for three years; M.M. Perier and Baron Alphonse de Rothschild regents for five years, and Guilheim receiver-general. The Lyons mint is to coin 3,000,000 pieces, of 1 franc and half franc each.

CHARCOAL IRON.

Our vast dependencies, scattered over the whole globe, possessing every variety of climate, and producing every description of natural product, present a boundless field for British capital and enterprise. For many a present a boundless field for British capital and enterprise. For many a long year, however, Great Britain has been tributary to foreign countries for many articles of first necessity, which, with proper encouragement, our own colonial possessions are quite capable of supplying. Thus, we have been paying enormous monopoly prices to Sweden and Russia for scanty supplies of charcoal iron, when it is now ascertained beyond all doubt that the province of Nova Scotia, the nearest of all our transatlantic colonies, can furnish this indispensable material to any extent, of equal quality, and at a much cheaper rate.

During last summer a commission, consisting of practical men con-

During last summer a commission, consisting of practical men con-During last summer a commission, consisting of practical men connected with the public service, visited several countries of Europe where iron is smelted with wood fuel, but could nowhere find any available surplus. It was not, we believe, until after this failure, that the Government became aware of the existence of Nova Scotia iron, and they at once purchased up the whole stock that the Acadian Company had on hand. It was then, probably, too late to send out commissioners, but we are informed that the Government have been prosecuting enquiries, and have reason to believe that the information obtained from the public authorities in the colony is of the most satisfactory character. The great abundance and purity of the ores, and the commensurate means of supply of wood fuel, are as well vouched, as the excellence of the product in the shape of iron and steel.

It is universally desired and assumed that we are to have immediate peace; but are we immediately again to become tributary to the great disturber of nations for a material so essential to many branches of our manufacturing industry? It will be some small compensation for the evils of war, if the necessities it has created shall have opened up new sources of prosperity within our own borders; and it will be an instructive lesson, which the great Giant of the North will not soon forget, to find that his reckless ambition shall have lost him for ever the best market for one of the great staples of his trade. Her Majesty's Government have now become well convinced of the superior excellence of the Nova Scotia iron; and will not be slow "to encourage an undertaking which will not only render Great Britain independent of foreign countries for an indispensable material which she, herself, has not the means of producing, but will, at the same time, greatly benefit an important British colony." It is not only for ordnance and "the tools of war," that we require large quantities of charcoal iron, but for a great variety of other purposes connected with our dockyards and public departments. Recent experiments have proved that the iron of Nova Scotia possesses at least double the strength of that in ordinary use; and it is, therefore, invaluable for chain cables, steam machinery, and all those various applications where it is desirable to combine great strength with diminished weight of metal. So soon as ample and reasonably cheap supplies of this valuable material can be insured, it will replace common iron for many other purposes, such as for building iron ships, steam boilers, suspension wire, and rods for bridges, for tubular bridges, locomotive axles, wheels and tyres, railway bars, &c.

The Acadian Iron Company, which has already enlisted so much public favour and support, is the first fruits of the perturbed relations and inshape of iron and steel.

It is universally desired and assumed that we are to have immediate

railway bars, &c.

The Acadian Iron Company, which has already enlisted so much public favour and support, is the first fruits of the perturbed relations and increased requirements of the times. It is an industrial undertaking of great promise and importance; and we look upon its success as the commencement of a new era, which shall witness the diversion of British capital and enterprise from foreign stocks and companies to legitimate investments in our long-neglected colonies.

LARGE MAKE OF IRON ATTHE NEW BRITISH THON COMPANY'S WORKS, RUABON.—About four months ago a statement appeared in the Mining Journal that one of the furnaces at Ruabon belonging to the New British Iron Company, and under the superintendence of Mr. Thoraburn, was making 220 tons of iron weekly. The same furnace has continued to make on an average 250 tons weekly since that period, and last week the enormous quantity of 273 tons. It is questionable whether any furnace in Great Britain can equal that large make of iron in the same time.

HE MINING JOURNAL,

REDUCTION OF- METALS BY ELECTRO-CHEMICAL AGENCY.

A series of very interesting experiments made on Tucsday last by Mr.
Porkins, at the works of the Super-Phosphate Compost Company, Islo of
Dogs. The ore upon the present occasion operated upon was from the
Inney Consols Mine, near Launceston, and the plan adopted was under
Wagstaffe and Perkins's patent for extracting metals from ores by means
of chemical agencies, in combination with electro-metallurgy. Mr. Perkins proved that the various metals could be obtained separately, while
younged is destroyed lost or damaged at the exprass of others. The Perkins, at the works of the Super-Phosphate Compost Company, Isle of Dogs. The ore upon the present occasion operated upon was from the Inney Consols Mine, near Launceston, and the plan adopted was under Wagstaffe and Perkins's patent for extracting metals from ores by means of chemical agencies, in combination with electro-metallurgy. Mr. Perkins proved that the various metals could be obtained separately, while no metal is destroyed, lost, or damaged at the expense of others. The operations we witnessed were highly successful, the lead and copper being separated by Mr. Perkins, and some slight traces of gold were apparent, but the quantity of ores of the Inney Consols operated upon was too small to derermine the yield. Under the existing system, tin, which is mixed with copper more or less, sometimes to a considerable per centage, and is not disconnected from the latter metal until separated by the smelter, and consequently an admixture of copper and tin, is purchased at a deteriorated price, whereas by Mr. Perkins's process both metals can be separated, and the price of the tin and copper be given to the miner. There are many chemical results from this process; the formation of salts and acids of commercial value, such as sulphuric acid, nitrate of soda, nitrate of potash, &c., in lieu of the waste occasioned by all other methods. The process appears to be equally applicable to auriferous quartz and gossans, as the gold can be separated from the matrix as casily as tin can be from copper. It is undeniable that the "precious metal" exists in many parts of Great Britain, and a simple inexpensive system of separation was alone wanting to render these deposits of great value. The various experiments, and lucid explanations given by Mr. Perkins, evidently gave great satisfaction to all present. A prospectus has been issued, and a company is in formation for working this patent, as will be seen by reference to a preliminary advertisement, which appears in our advertising columns.

We took the opportunity of inspe

being now of a marketable value, may be the means of aiding many mining speculators in developing their property, as in these works the operations are carried on in such a manner that no trace of arsenic can be detected in the sulphuric acid produced, which has at all times been a fatal objection to their general use.

WEEKLY LIST OF NEW PATENTS.

APPLICATIONS FOR PATENTS, AND PROTECTION ALLOWED.

APPLICATIONS FOR PATENTS, AND PROTECTION ALLOWED.

W. A. Gilbee: Application of silicate of potash to hardening and preserving stones and calcareous metals.—P. A. le Comte de Fontaine. Moreas: Obtaining motive-power by means of heated compressed air.—W. W. Squires: Preventing the bursting of pipes and takes for conveying liquids.—H. Johnson: Compressed air locomotive engines.—A. Longbottom, W. Longmaid: Apparatus for generating and heating steam.—P. E. Guerinot: Stopping instantaneously two railway trains running against each other.—S. J. Goode: Gas-stove.—W. J. Simons: Governor for steam and other engines requiring governors.—W. H. Lancaster, J. Smith: Arrangements for the application of gas and atmospheric air to the generation of heat in furnaces or other dues, and the consumption of smoke.—J. Fleming, G. Fyfe: Consumption of smoke in engine and other fires.—A. Pope: Manufacture of iron, copper, tin, and lead.—B. W. Winfield: Manufacture of metallic bedsteads and other articles of metallic furniture.—J. Toward: Improvements in iron shipbuilding and in iron plates therefor, which plates are also applicable to other purposes where great strength is required.

Machinery of the United States.—We have received the report of the Committee on the Machinery of the United States of America, as presented to the House of Common, in pursuance of their address. This committee having received their instructions from the Ordanace department, set forth on a tour of inspection through those states containing the principal engineering and other manufactories; after completing which they returned to New York, and at once deliberated on what form they should adopt for their final report; and having settled this matter, they at once commenced the details of their elaborate information. Delays constantly occurring in the fulfilment of contracts for fire-arms, the Board of Ordanace, towards the end of 1833, considered it advisable, in order to secure a regular supply, to take this branch of manufacture into their own hands, and erct a Government establishment, capable of producing muskets in large numbers, and at a moderate price, by the introduction of machinery. Hearing from Mr. H. Whitworth and others that machinery was extensively applied to this branch in the United States, they considered it advisable to send over some of their officers, to obtain every possible information on the subject, and having powers to purchase specimens of any such machinery, to the extent of 30,000. The commission visited the areanals, arms, manufactories, and navy yards in 16 towns, he-ides private manufactories, carefully noting every piece of machinery which appeared to be of superior construction, and performed its work satisfactorily. In their concluding remarks, the commission visited the areanals, arms, and actaet that piecework, where available, is always preferred to daywork, as such arrangement yields the greatest amount of work, with the least cost to the employer, and the best wages to the party employed. They recommend the small arms nanufacture to be carried on here on similar terms, so as to reduce as much as possible the cort, and yet pay good wages to the workmen employed.

the cort, and yet pay good wages to the workmen employed.

ECONOMICAL IRON SMELTING.—Mr. Mickle, of Willington, has obtained a patent for the economising of fuel in Iron smelting by the dry distillation of coal and the use of coke and gas in the blast furnace as fuel, the coke being put in in the usual manner, and the gas pumped through pipes into the hearth, the intense heat of so powerful a blow-pipe rendering the heating of the air undesirable, and, as it is estimated, causing a much larger production of iron, of improved quality, with an average saving of 7s. to 15s. per ton of pig metal. For the ore of the lias which stretches from Middlesbrov, where it is now largely worked, and southward, where it is noncompanied by coal, this invention ought to be of peculiar value.

is anaccompanied by coal, this invention ought to be of peculiar value.

Washing and Separating Mineral Substances.—Mr. H. Mackworth, of Clifton, has invented a process for separating minerals and other substances in a pulverulent state, after undergoing a thorough cleansing by water. The invention consists of six distinct processes—the first, by specific gravity, and is suitable for separating pyrites, shale, and other matters, mixed with small coal; the second is effected on a percussion table; the third, by an ascending current of ar; the forth, by an ascending and properly regulated current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth, by centrifugal force, to produce an ascending current of water; the fifth of the f

IMPROVEMENT IN CASTING METALS.—Mr. E. Ripley, of Troy (U.S), has taken out a patent for a new method of casting metals, which consists in a peculiar arrangement for quickly withdrawing the air from the mould, so as to ensure a better filling up of the same. Attached to the mould is an air-tight expansive chamber, and the air begins to be withdrawn simultaneously with the pouring in of the metal. IMPROVEMENTS IN COMBINION METALS.—Mr. Arthur Warner, of New Broad-street, has taken out a patent for combining sheet-iron or steel with sheet lead, zin-, tin, copper, or their alloys. Any two sheets to be combined has a coating of soldering material placed between them, and subjecting them to heat while pressed in a flat state until completely united.

IMPROVEMENTS IN GREEN ASTRONG. Second Mr. T. W.

IMPROVEMENTS IN GENERATING STEAM .- Mr. J. Wm. Duncan, of St. IMPROVEMENTS IN GENERATING STEAM.—Mr. J. Wm. Duncan, of St. John's Wood, has taken out a patent for the generation and application of steam in a peculiar manner for propelling purposes. The first part of the invention relates to the introduction of certain material between the steam-generator and the engine: to prevent the passage of water with the steam: this may be solided up, and crushed wasto wire, or wire placed in successive layers, similar to a respirator, or fine metal cuttings. A quantity of this material is galvanised, and placed in the steam-che-t in such a nunner that all the steam must pass through the numerous intersities, which has the effect of separating any water that would otherwise pass to the engine. A quantity of similar outtings, or wire, is piaced between the eyinder and condenser, by which means the grease evaporated in the eyinder will be intercepted, which will be found favourable to the working of the latter. Another part of the improvements is the application of a constant mechanical action, to prevent the accumulation of solid matter in the generator.

WINDSOR BRIDGE IRON-WORKS AND ENGINEERING COMPANY (LIMITED).—We have, on various occasions, referred in our columns to the inventions and engineering productions of Messrs. Dunn, Hattersiey, and Co., of the above works, situate about three miles from Manchester; and we have now before us a prespectus of a company, formed with the view of purchasing the business, plant, machinery, and valuable patents of the establishment, and forming what will in result be a rolling stock and plant eompany, for supplying railway companies with locomotives, wagons, earriages, and other stock and plant, and thus aid in meeting the suggestions we threw out last week for the purpose of diminishing the magnitude of these undertakings, and leaving the energies of the executive to be better directed to pussenger traffic and goods transport management. There is a good railway companies with the suggestions of the supplying real that the supplying real traffic and goods transport management. There is a good railway companies of these undertakings, and leaving the energies of the executive to be better directed to pussenger traffic and goods transport management. There is a good railway companies with the supplying the supplying the supplying traffic and goods to all parts of Great Britain at comparatively small expense, and for receiving supplies of coal and raw material. The patents are seven in number, secured in this country. Prance, and Belgium, and comprise turn tables, a railway traverser, a chain-cable and general testing machine, a new steam-boiler, and various improvements in railways, steam travelling crances, derrick and other wharferanes, dee. The buildings and plant are well laid out, are in excellent order, and fitted with machinery combining all modern improvements, including boiler making by steam machinery, and even in their present state possess facilities for executing contracts to the extent of 10,000, per month. The business being principally with railway companies precludes the purchase will so far prevent competit WINDSOR BRIDGE IRON-WORKS AND ENGINEERING COMPANY

ondon General Omnibus Company's traffic returns, for the week b. 16, were 5821/. 12s. 6d. Average number of omnibuses working daily, 296.

EMBRISTH.—In the Matter of the JOINT STOCK COMPANIES' WINDING-UF ACTS, 1848 and 1849, and of the LACKAMORE COPPER MINING COMPANY.

I, JEREMIAH JOHN MURPHY, one of the Masters of the High

Court of Chancery in Ireland charged with the winding-up of this company, do herebgive notice, that I shall, at my Chambers, Four Courts, on the Inns Quay, in the Cit of Dublin, on Saturday, the lat day of March sext, at Half-past Eleven o'clock in the forencon, or at such other adjourned time or place as I may then or afterwards fix APPOINT an OFFICIAL MANAGER of this company; and I give notice that a parties are entitled to attend at such time and place, and offer proposals or objection as to any such appointment.

MICHAEL LARKIN, Solictor for Petitioner, Dated this 18th day of Pebruary, 1856.

1, Merchant's Quay, Dublin.

Dated this 18th day of Pebruary, 1856.

I, Merchant's Quay, Dublin.

HELVELLYN LEAD MINE, CUMBERLAND.—

OPPORTUNITY presents itself to any gentleman of moderate capital obtaining a SHARE, or SHARES, in a very valuable MINERAL PROPERTY, leased for 21 years, situate in the heart of the best mining district in Kewick. A level has been extended for many fathoms on the lode, in the bottom of which there is a good course of ore now to be seen, and a few tons of ore on the surface broken therefrom. Another shallow additised has recently been opened, and is now in work, and only a few fathoms back from where there is a good mine. At the surface, the ore has a good assay for allver. There is every facility for the working of water machinery, and extensive mining operations.

To inspect, and for further particulars, application to be made to Mr. John Muse, Nytheburn, Feb. 18, 1850.

ULPHATE OF DARWONE.

SULPHATE OF BARYTES.—The BARYTES COMPANY OF IRELAND is now prepared to SUPPLY SULPHATE OF BARYTES of a very superior character to that in ordinary use, in any quantity, by contract or otherwise.—Samples may be seen, and further particulars obtained, on application to "The Secretary, Barytes Company of Ireland," 20, Essex-street, Strand, London.

PARTNER WANTED.—One who commands from £500 to £800 in cash, and possesses a knowledge of ENGINEERING, would find this an offer which seldom occurs, as the advertiser has a large connection, and business premises in the banks of the canal, not 12 miles from Manchester.—Address, "James," Post-

MANGANESE.—TWO valuable MINING SETTS, containin many rich lodes of MANGANESE TO BE SOLD (a bargain).—For parti-ulars, apply to Capt. James Hampton. Exmouth Mine, Christow, near Exeter. Dated Christow, Exeter, Jan. 23, 1855.

O IRON SMELTERS.—LARGE BODY of RICH IRON ORE having been Discovered; SAMPLES of which, with further particulars, be had on application to Mr. J. Evans, Tremadoc, Carnarvonshire.

WANTED, a good SECOND-HAND PUMPING ENGINE, about 60 in. cylinder.—Particulars, with lowest price, to Mr. William Warson V 60 in. cylind Well Park, Calstock.

Well Park, Calstock.

AGNIFICENT NEW AND EXTRA STRONG TREBLE GEARED 18 in. SLIDING and SCREW-CUTTING LATHE, on bed, with gap; the bed is 18 ft. long when gap is closed, and 20 ft. long when open; the gap is opened and closed by means of a rack; the lathe is a most perfect tool, complete, with full set of change wheels, top driving apparatus, &c.

Also, ONE TREBLE GEARED NEW 24 in. SLIDING and SCREW-CUTTING LATHE, on bed 20 ft. long, completes, with full set of change wheels, top driving apparatus, &c.

WHEATLEY KIRK, Gross-street Chambers, Manchester; Stores, Bonded Wharf, Salford; where all kinds of Engineers' Tools, Steam-Engines (stationary or locomotive), Wagons, Railway, and other Plant, may be had—For particulars, see WHEATLEY KIRK Weekly Circular, which may be had on application, or will be sent by post on reseipt of one stamp.

STATIONARY STEAM-ENGINES OF THE BEST QUALITY, from 1 to 50-horse power, fitted with VARIABLE EXPANSION GEAR. These engines, which have been designed to sombine great simplicity of parts with the utmost economy of action, are supplied with or without boilers, at the lowest possible rates; and erected, if required, in any part of the kingdom. General boiler and task work carefully executed upon advantageous terms.—Apply to Messrs, WILLIAM YOUNG and CO., engineers, Barnstaple.

TO BE DISPOSED OF, VERY CHEAP, a very powerful HYDRAULIC PRESS (SECOND-HAND), in good condition, with 10 in. ram the head and follower cach 4ft. 6 in. ×4ft. 6 in., range between head and follower cach 4ft. 6 in. ×4ft. 6 in., range between head and follower 5ft. Also, a PAIR OF PUMPS, with hand lever for ditto, the plungers 1 in. and 2 in. respectively.—For further particulars and price, apply to Mr. FREDK. RANSOME, Pakent Stone Works, 19 weich.

ATER-WHEEL.—FOR SALE, in Ireland, near a railway and shipping port, a superior IRON WATER-WHEEL, 40 ft. diam., 4 ft. breast with bearing blocks, brasses, &c., complete; adapted to the purposes of mining operations. The machine is in excellent working condition.—For price, &c., addres "A. B.," Mining Journal office, 28, Fleet-street, London.—Feb. 2, 1856.

ROBERT SALE.—1 Botallack, £215; 1 Rosewarne, £117 10s.; 25 Rosewarne and Herland, £4 each.—Apply to Mr. Gronor Hutchinson, 25,

A MERICAN BONDS.—WANTED TO EXCHANGE, some SHARES in promising BRITISH MINES for ALLEGHANY COUNTY BODDS, or any others of the same description.—Apply, by letter, "P. P.," Mr. Chas. Everett, news agent, 75, Old Broad-street, City.

[PROVISIONALLY REGISTERED.]

TYN-Y-CAEIA COLLIERY COMPANY (LIMITED).
PENCOED, NEAR BRIDGEND, GLAMORGANSHIRE.
Capital £10,000, in 1000 shares of £10 per share.—Deposit £2 per share.
Prospectuses may be had at the offices of the undersigned, by whom also applications for shares will be received up to the 6th proximo.

GODDARD AND EYRE, Solicitors, 101, Wood-street, Cheapside.

DENNANCE CONSOLS MINE.—Notice is hereby given, that a SPECIAL GENERAL MEETING of the adventurers in this mine will be HELD at 60, Gracechurch-street, London, on Friday, the 29th inst., at Two o'closs precisely.

BURGAN AND CO.

PENNANCE CONSOLS MINE.—NOTICE of the REMOVAL of OFFICE from 51, Threadneedle-street to 60, GRACECHURCH STREET (promun.)

REAT CRINNIS MINING COMPANY.—Notice is hereby giver that a CALL of ONE SHILLING per share on the NEW SHARES of the company has this day been made, PAYABLE, on or before the 15th March next, at the offices of the company, 47, Old Broad-street, London.

By order of the Committee, R. C. MANUEL, Sec. 47, Old Broad-street, Feb. 20, 1852.

ERRY SILVER-LEAD MINING COMPANY.—Notice is hereby given, that a SPECIAL GENERAL MEETING of the shareholders will be HELD at 26, Throgmorton street, London, on Monday, the 3d March, at Two o'elock presents by take into consideration the present position of the company, and determine upon continuing working the mine, or of disposing of it to liquidate engagements; and on other special affairs.—Peb. 22, 1856.

By order.

TRELEIGH CONSOLIDATED MINING COMPANY.—NEW SHARES.—The Directors hereby give notice, that, in order to render the shore shares negociable, the THIRD INSTALMENT OF FIVE SHILLINGS per share, made 11th January last, MUST HE PAID, and endorred thereon.

By order of the Directors, WM. NICHOLSON, Sec. 87, Old Broad-street, Feb. 19, 1850.

THE SOCIETY OF ARTS' ANNUAL COLLECTION OF INVENTIONS WILL BE OPENED at the SOCIETY'S HOUSE, John-street. Adelphi, on EASTER MONDAY, the 28th of March. It will comprise Models and Specimens of Recent Inventions, whether patented, registered, or not; and of Works of Recent Construction. Articles for exhibition must be forwarded, carriage paid, on the 6th, 7th, or 8th of March.

MAP OF THE WEST CORNWALL MINING DISTRICT.— The MAP of this district, lately published by R. SYMONS, SHIVEYOF, Trurobeing ENTERED AT STATIONERS' HALL, any person VIOLATING the COPY-RIGHT will be PROSECUTED.

OTICE TO INVENTORS AND PATENTEES.—The OFFICES for PROCURING PATENTS are REMOVED to No. 32, ESSEX STREET. STRAND, LONDON, where all information (British and foreign) may be obtained gratia.—Avent and Co., patent agents and negociators.

Gold in the Isle of Man.—Mr. M. Delaney, of the Crosby Mines, Isle of Man, writes—"The immense wealth which this beautiful island has developed in sopper and lead mines (those of Larey and Foxdale realising an enormous premism upon the original shares) has often called my attention during my frequent geological rambles most particularly to the quartz rocks of Grebs, and strongly impressed upon my mind that this stratum was riche in auriferous deposits. I have just returned from a visit to a highly scientific friend, Mr. W. Novell, of Fanoy-cottage, German, to whom I had often communicated my impressions, and find that he has taken the matter up most energetically, and is at present sinking two shafts upon his adjoining estates, one in the parish of Kirk German, the other in Marown. The quartz beds of both prove as suriferous as many I have examined in the Australian diggings, and I am sure all this enterprising genticman now requires is some experienced minera, and a powerful crushing machine, to realise his most sanguine expectations. I am desply interested in this important discovery, and will, in a few days, revisit the shaft and report progress."

AST KENT RAILWAY,—NOTICE OF CALL—
FOURTH CALL of TWO POUNDS TEN SHILLINGS per share on original capital, making, with deposit and previous calls, £12 los. paid; and FIRST CALL of TWO POUNDS TEN SHILLINGS per share on Preferential Dover Extension Capital, making, with deposit, £2 paid.

Notice is hereby given, that the Board of Directors of the East Kent Railway Company have made a CALL of TWO POUNDS TEN SHILLINGS in respect of every share in the Preferential Dover Extension Capital of the company; and have appointed such calls respectively to be PAID on the 12th day of April, 1836, at the banking house of Mosers, Glyn and Co., No. 67, Lombardstreet, London; and the several shareholders of the company are hereby required to pay the same accordingly.

By order of the Board,
SONDES, Chairman.

GEORGE FREDERIC HOLROYD, See,
Dated this 5th day of February, 1856, Offices, 2, Moorgate-street.

SUNDERLAND DOCK.—TO ENGINEERS, MILLWRIGHTS,
AND OTHERS.—The Directors of the Sanderland Bock Company are desirous
of receiving TENDERS for the CONSTRUCTION and ERECTION of ONE PAIR of
GATES for the GRAVING DOCK, now in course of execution for mation obtained,
on application to Jours Wunaxy, Esq., the company's engineer, or the Clerk of Works,
at the Dock Office, Sunderland, where tenders are requested to be delivered on
Thursday, the 25th inst., not later than Eleven o'clock in the morning. Security will
be required for the due performance of the work. The directors do not bind themselves to accept the lowest, or any tender.
Sunderland Dock Office, Feb. 7, 1856.
M. COXON, Sec.

Sunderland Dock Office, Feb. 7, 1856.

M. COXON, Sec.

TORTUNA COMPANY.—Notice is hereby given, that, in conformity with the Deed of Settlement, the YEARLY GENERAL MEETING of the shareholders in this company will be HELD at the London Tavern, Bishopsgatestreet, on Thursday, the 28th inst., at Two o'clock P.M. The College of the late John Dudin To receive the accounts and balance-sheet, with reports from the directors, auditors, and superintendent, for the year ending 51st December, 1855.

To determine on the election of a director in the place of the late John Dudin Brown, E-q.: Robert Henty, E-q., duly qualified, having offered himself as a candidate for the office.

To elect three directors, in the place of John Phillips Judd and Charles Morris, E-qr., and William O'Shea, Duke of Lucar, who go out of office by rotation, but who are eligible, and offer themselves for re-election.

To appoint two auditors for the ensuing year; James Thomas Dorrington and James Crosby offer themselves for re-election; and for general business, as authorised by the Deed of Settlement.

To Provide the College of the College of the Board, T. B. COLOGAN, Sec.

DORT ROYAL AND ST. AND REW'S COPPER MINING COMPANY OF JAMAICA.—Notice is hereby given, that the ANNUAL ORAL DINARY GENERAL MEETING of the shareholders of this company will be HELD at the London Tavern, Eishopsgate-street, London, on Wednerday, the 27th day of February inst, at One o'clock precisely.

Pursuant to the provisions of the Deed, the seats of Wm. Gladstone, Esq., and Captain Henry George Hamilton, R.N., in the direction, will become vacant at the meeting, and they, being eligible for re-election, offer themselves accordingly.

The Transfer-books will be closed from the 11th to 28th February, inclusive.

By order of the Board, JOHN HENRY KOCH, See, 7, Pope's Head-alley, Cornhill, London, Feb. 11, 1856.

PORT PHILLIP AND COLONIAL GOLD MINING COMPANY.

—Notice is hereby given, that a GENERAL MEETING of the shareholders of this company will be HELD at the London Tavern, Bishoppagte-street, on Monday, the 25th day of February, at Two o'clock in the afternoon, to receive a report of the company's proceedings, and for other purposes.

BENJAMIN WILKINS, Sec. Offices, 17, Gracchurch-street, Jan. 30, 1856.

THE COLONIAL GOLD COMPANY.

Incorporated by Royal Charter.

Notice is hereby given, that, in pursuance of the provisions of the Deed of Settlement, the FOURTH ANNUAL GENERAL METING of the propeletors in the above corporation will be HELD at the London Tavern, Bishopsgate-street, on Toesday, the 18th day of March next, at Two o'clock precisely, for the election of two directors, in the place of John Macdonnell, Esq., and Charles Morris, Esq., who go out of office by rotation, and who, being eligible, offer themselves for re-election; and of one auditor, in the place of William Henderson, Esq., who retires by rotation, and is eligible for re-election; and for the transaction of the general business of the company.

ompany. The Transfer-books of the company will be closed on Monday, the 3d day of March, nd will be re-opened on Wednesday, the 19th day of March, 1836. By order of the Board, W. A. HART, Sec. 8, Queen-street-place, Upper Thames-street, London, Feb. 20, 1856.

WEST MARIPOSA MINING COMPANY.—The gentlemen who attended the meeting of the above company at the North and South American Coffee House on the 3d of January inst, are requested to ATTEND there, with their SCRIP CERTIFICATES, at Half-past Twelve for One o'clock precisely, on Tucsday, the 26th February inst., to meet the committee appointed by them to confer with the directors.

LOAN ON DEBENTURE, BEARING INTEREST AT PIFTEEN PER CENT., WITH BONUS.

FORT BOWEN GOLD AND SILVER MINING COMPANY.
Registered 6 and 7 Victoria, cap. 110.
At the SPECIAL GENERAL MEETING of the shareholders, adjourned to 19th
February, 1856, held at the office of the company this day, it was

February, 1856, held at the office of the company this day, it was
Proposed by Mr. Guedalla, seconded by Mr. Cooke (firm of Powell and Cooke), and
resolved unanimously:—
That this meeting be adjourned until Thursday, the 28th inst., at One o'clock preeisely; and notice given in such papers as shall be decided on, that, unless the amount
of £5000 on debenture, as above (of which £4000 has been already raised), he subscribed on or before that day, that legal steps be immediately thereupon taken to
wind-up the company.

11, New Broad-atreet, London, Feb. 19, 1856.
N.B. The debentures bear interest at 15 per cent. per annum, payable at the end
of five years; each 25s. of debenture-money receiving, in addition to the above interest, a bonus equivalent to the dividend of one share in the company.

All subscriptions to be conditional on £5000 being subscribed. The amount subscribed to be paid in four equal instalments, at periods of two months each. Further
particulars can be obtained on application at the office.

Unless the sum above-named is fully subscribed for on or before the 28th, the directors will send out by the mail of the 1st March orders recalling their staff at the
mine, to suspend all their works.

FORM OF APPLICATION.

FORM OF APPLICATION.

To the Directors of the Fort Bowen Gold and Silver Mining Company.

GENTLEMEN,—I am desirous of taking debentures to the amount of £ , or any less amount you may allot to me, upon the terms of the resolutions Nos. 2 and 3 of the Special General Meeting of the 5th inst., and I hereby undertake to pay the first instalment upon the amount allotted when required.

I am, Gentlemen, Name Address
Reference

Reference

MR JOHN H. CLEMENT begs to OFFER HIS SERVICES as
CONSULTING MINING ENGINEER to gentlemen, capitalists, or public
companies, holding or wishing to hold interests in mines or mineral properties in any
part of the globe. Mr. CLEMENT having had a life-long experience in Ambee matters
in various parts of the world, enables him to give the most careful advice as to how,
when, and with whom, to invest in mining properties.

Mr. CLEMENT will SUPERINTEND, for a fee per year and travelling expenses,
Metailurgical Works, such as those for smelting and desilverising of lead or silver
ores; Amalgamation Establishments, for gold or silver ores; also, Copper Smelting,
in all its branches; home or foreign.

Mr. CLEMENT will INSPECT Patent Metallurgical Processes, and give an opinion
threon, when brought be fore capitalists or others, as to the possibility of such being
brought into practical operation.

To partice inclined to invest in gold mines, Mr. CLEMENT recommends the perus: 1
of his pamphlet on the Marble Springs Mine, to be had (gratis) of him on application,
personally or by letter.—Office, 4, Union-court, Old Broad-street, London.

N. R. R. TREDINNICK, of No. 4, AUSTINFRIARS, LONDON, and CAMBORNE. CORNWALL, STOCK and SHAREBROKER, GENERAL DEALER IN SHARES IN BRITISH MINES, MINE INSPECTOR, and GENERAL DEALER IN SHARES IN BRITISH MINES, MINE INSPECTOR, and GENERAL AGENT, OFFERS HIS SERVICES to expitalists and the public, in the SELECTION and FURCHASE of SHARES of every denomination. Many of the mines of Cornwall pay large rates of interest upon the current value of shares, in many cases 15 and 20 por cent. per annum, without the corresponding risk attached to rail-way and many other descriptions of speculative investments; to such would Mr. TREDINNICK draw attention at this time as advantageous mediums for capital. Some few months ago he pointed out the following mines, which have since advanced materially in value, and others equally desirable at present quotations are upon the lapis, and it is incumbent upon those having a limited income from Conols or other securities, yielding only 3 to 5 per cent., to avail themselves of the favourable opportunity thus afforded. Mining is not at all times successful, but the risk is comparatively small when experience and practical discrimination is exercised in a judicious selection of progressive mines, situate in districts having analogy and profitable surrounding mines in their favour.

Every Section
**Ever

West Seton	£100	n January.	1855, are	now at	£350
South Frances	150	**	,,,		34.5
United Mines	120	**	31		230
Copper Hill	100	22	39		150
Basset	280	**	**		400
Buller and Basset United	13	6	99		516 6
Stray Park	3		"		4 5
East Basset	25	23	**		5234
Carvannall	3	**	**		9 10
West Frances	15		**		40 42
Kitty (Lelant)	13	á .,	"		9 9%
Providence Mines	20	-			50 55
Carnvorth	1		-		4 k 44
Condurrow	100	-	-		140
North Basset					42 43
West Basset					36 361
Clifford					500 52
Providence Mines	1 100 18 30 220	**	**		140 42 36 36

A SSAYING.—CITY SCHOOL OF CHEMISTRY AND ASSAY CONDUCTED BY LOW OFFICE, DUNNING'S ALLEY, BISHOPSGATE STREET WITHOUT Conducted by John MITCHELL, F.C.S., Author of Manual of Practical Assaying, Manual of Agricultural Analysis, Treatise on the Adulteration of Food, Metallurgies Papers, &c. ASSAYS and ANALYSES of MINERALS, METALS, and every manufacturing avoider. SPECIAL INSTRUCTION in ASSAYING and CHEMISTRY for gentlemen in-

THE MINERS' ELECTRO-CHEMICAL REDUCTION COMPANY.

Liability limited to the amount of shares subscribed for.

Capital £30,000, in 10,000 shares of £3 each.—Deposit £1 per share.

A company is forming to work Wagstaffe and Perkins's valuable patent for extracting the various metals from ore, and preserving all the metals separately by a simple and effectual chemical process, at a small expense.

This process may be applied to every mine in the country with immense profit and little outlay. Mixed and poor ores, now almost worthless, may be rendered remunerative by this patent. Mining companies may obtain licenses; and chemists, metalurgists, and others, may test the process.

Every information may be obtained on reference to Thomas Lee, Esq., solicitor, 26, Moorgate-street; or to J. H. CLEMENT, Esq., at the offices of the company, 4, Union-court, Old Broad-street, where applications for shares may be addressed, by letter.

A N S O M E'S S I L I C E O U S S T O N E.—

The PATENT SILICEOUS STONE COMPANY are prepared to execute CONTRACTS for the supply of all kinds of ORNAMENTAL DETAILS for BUILDINGS, &c., manufactured in this beautiful material, which has received the approach of eminent architects and scientific men, and which for sharpness of outline, durability, and obeapness, stands unrivalled.

It is especially applicable for the elaborate details of Medieval and Ecclesiastical Architecture, for Gothic Windows, Doorways, Pinnacles, &c., Crosses, Corbels, Altar Screens, Pulpits, Fonts, Monumental Tombs, Tablets, Headstones, &c. Also, for all kinds of Garden Decorations, Fountains, Figures, Vasca and Pedestais, Flower Boxe, Wardean Cases, Balustrades for Terrace Walks, Gate Piers, Caps and Bases, &c And for Coats of Royal Arms, Chimney-pieces, Brackets and Trusses, Ashlars, Quoins, Bring Courses, and other Dressings.

Farther particulars, with illustrations, on application to Mr. Farder, Ransons, Whitehall Wharf, Cannon-row, Westminster; or Patent Stone Works, Ipswich.

HE ACADIAN IRON COMPANY.

Capital \$200,000, in 40,000 shares of £5 each.—Deposit £3 per share.
With power to increase, by the issue of new shares.
TRUSTRES,
JNO. SCOTT, Esq., 4, Hyde-park-street.
JONATHAN HOPKINSON, Esq., Grosvenor-place.

JNO. SCOTT, Esq., 4, Hyde-park-street.

JONATHAN HOFKINSON, Esq., Grosvenor-place.

PROVISIONAL COMMITTER.

Col. BAZALGETTE, late Administrator of the Government of Nova Scotia.

PHILIP P. BLYTH, Esq., Wimpole-street.

Sir JAMES R. CARMICHAEL, Bart., Oakdens, Kent.

JAMES CROWDY, Esq., late Colonial Secretary, Newfoundland.

MARK HUNTER, Esq., Stonebridge House, Tottenham.

THOMAS JESSOP, Esq. (Messrs, Jessop and Sons), Sheffield.

W. A. MATTHEWS, Esq., (Messrs, Thoa, Turton and Sons), Sheffield.

WILLIAM OWEN, Esq., (Messrs, Sandford and Owen), Rotherham.

WILLIAM OWEN, Esq., (Messrs, Secott, Bell and Co.), 2, Alderman's-walk.

NASSAU WM. SENIOR, Esq., 9, Hyde-park-gate.

E. M. SWEETLAND, Esq., 5, Alderman's-walk.

(With power to add to their number.)

AUDITORS—George H. Jay, Esq., adelaide place, London-bridge.

Alexander Beattle, Esq., late H.E.I.C.S., Porchester-terrace.

BAKEES—The Commercial Bank of London, Lothbury.

SOLICITORS—Messrs, Hill and Reeves, 23, Throgmorton-street,

BROKERS—Messrs, Price and Brown, 4, Change-alley.

SECRITARY (PFICES, 5, ALDERMAN'S WALK, NEW BROAD STREET.

This company is formed to purchase and extend the works of the Acadian Iron

TEMPORARY OFFICES, —5, ALDERMAN'S WALK, NEW BROAD STREET.

This company is formed to purchase and extend the works of the Acadian Iron Mining Association, which is now engaged in the manufacture of charcoal iron, at their works in the province of Nova Socia.

There are two distinct properties and establishments; the one called the ACADAM MINES, in the township of Londonderry, on the north-side of the Basin of Mines; and the other the Nictary, or Victoria Mines, in the township of Annapolis, on the south side of the Bay of Funday, and nearly opposite the City of St. John's, New Branswick. These establishments, which are in thorough good order and condition, consist of two blast furnaces, catalan and heating fires, forge, rolling mill, and all needful plant, machinery, buildings, and appliances, and are already in reproductive operation. The iron made at these works has now become so well known throughout the United Kingdom and other countries, that little needs to be said upon the subject. Whether in the shape of pig-iron, bat-iron, or steel, the produce of these mines is of unrivalled excellence, and readily commands the highest prices. Her Majesty's Government have been liberal purchasers; and the authorities are now so well environed of the superior quality of Nova Socia iron, that the company cannot fail to meet due encouragement and support from this influential quarter, the rather since the success of the undertaking will not only render Great Britain independent of foreign countries for an article of first necessity, which she, herself, has not the means of producing, but, at the same time, greatly benefit an important British colony.

The ores at both places are believed to be perfectly inexhaustible; and the great abundance of wood fuel, with the singular combination of advantages, admit of large quantities of charcoal iron, of the very best quality, being produced at a much cheaper rate than in any other known locality.

The Government of Nova Socia have shown a strong desire to encourage the manufactu

facture of the iron of these mines, and have agreed to set apart and appropriate extensive tracts of forest land in the immediate vicinity of their works, for the uses and purposes of the company.

Both mines are within a few miles of ship navigation on the Bay of Funday, and within a day's sale of the city of St. John, New Brunswick, whence the Iron is conveyed to England as ballist, or at a mere nominal freight in the timber ships.

For further particulars in regard to the ores, supply of wood, and other facilities for the production and manufacture of iron and steel, reference is made to numerous reports of scientific and practical men, which may be seen at the office of the company. To those not conversant with charcoal iron, it may be as well to mention that it is not subject to the ordinary fluctuations of the iron trade, for, in times of the greatest depression, the price has always been maintained; in fact, for all practical purposes, it may be treated as a distinct metal. All the steel irons of a high quality have hitherto been imported from foreign countries; but experience has shown that the Nova Bootia iron is perfectly adapted for the higher qualities of steel, and all those other purposes to which Swedish and Russian iron has, in times past, been exclusively applied. In order to meet the greatly increased demand, the association has determined to avail itself of the measure for limiting the liability of shareholders, now in progress through Parliament, and to increase the capital to 2200,000, in 40,000 shares of £5 each, on which the deposit will be £3 per share, and the remaining £2 will be called up by two instalments, at intervals of not loss than six monts. One-fourth of the number of shares will be reserved for allotment in Nova Scotia.

Shareholders may have the option of paying up the full amount of their shares, under discount, at the rate of 5 per cent. per annum.

With such an extension of the works as the company contemplates, it is confidently believed that 15,000 tons, at least, of pi

capital.

Applications for prospectuses and shares to be addressed to the brokers, Messrs, Parce and Baows, 4. Change-alley; or to the secretary, at the offices of the company, where specimens of the ores, iron, and steel, may be seen, and all further information obtained.—London, Feb. 21, 1859.

DELIVERSHIP FOR STARTES.

FORM OF APPLICATION FOR SHARES.

To the Provisional Committee of the Acadian Iron Company. I request that you will allot me shares in the above company; and I agree to accept the same, or any smaller number, and to pay the deposit and culls thereon, and execute the deed when required.

Name
Occupation
Reference
Residence

THE LONDON AND COUNTY JOINT-STOCK BANKING COMPANY.—Established 1836.
Subscribed capital, £1,250,000; paid-up capital, £500,000; reserve fund, £100,000.

HEAD OFFICE, -21, LOMBARD STREET. West London Branco Oxford-street Branco Paddington Brazeh naught-terrace, Edgware-road.

ONIOG-Street Branch

JOHN WM. BURMESTER, Esq.

WM. CORY, Esq.
WM. CORY, Esq.
JAS. ANDREW DURHAM, Esq.
AMBREY ALEX. HOGHTON, Esq.
SWYNYEN JERVIS, Esq.
WM. CHAMPION JONES, Esq.
ROBERT KEATING, Esq., MP.
TECSTEES-Wm. Cory, Esq.; J. A. Durham, Esq.; Jas. Rhodes, Esq.
AUDITORS—Henry Overton, Esq.; John WHEELFON, Esq.
ASSISTANT MANAGER—Henry Luard, Esq.
JASSISTANT MANAGER—Henry Luard, Esq.
JASSISTANT MANAGER—Henry Luard, Esq.
JASSISTANT MANAGER—WIlliam McKewan, Esq.
JSTARDING COUNSEL—Edwin James, Esq., Q. C.
SOLICTORS—Mesers, Wilkinson and Co.
SECRETARY—R. P. Nichols, Esq.

The following are the principles upon which the business of the London and County Bank is conducted: es and private individuals, either

in the plan usually adopted by other bankers, or by charging a small commission hose persons to whom it may not be convenient to sustain a permanent balance of upon the plan usually adopted by other bankers, or by charging a small commission to those persons to whom it may not be convenient to sustain a permanent balance of £100 or upwards.

Secondly,—Its payments are made in Bank of England notes and gold. It is not a bank of issue.

a bank of issue.

Thirdly,—Its capital cannot be withdrawn, for when one shareholder dies, or retires, another takes his share and liabilities—thus affording, at all times, and under all circumstances, full security to its customers.

Fourthly,—It affords every just accommodation to its customers, through the medium of a large available capital.

Fifthly,—It has a commodation to its customers, through the medium of a large available capital.

Fifthly, -It has no party or political character; its officers are not allowed to enter into public contest, and they are bound not to disclose to any one the transactions of the comboners of the company.

the customers of the company.

Sixthly,—It allows interest at the rate of £1 per cent, per annum on the minimum balance over £200 of each current account during the month; the same being passed to the customers' credit at the expiration of each quarter.

Seventhly,—It receives deposits at such rates of interest and for such periods as may be agreed upon, reference being had to the state of the money market.

Eighthy,—It affords great facilities for the arvice of payments, or the receipt of money, dividends, &c., in London, at the chief office, as well as in towns where the company has branches—and

Lastly,—It publishes, half-pearly, an account of its assets and liabilities, attested be suddiors appointed by the shadowless.

y has branches—and

,—It publishes, half-yearly, an account of its assets and liabilities, attested by
sapointed by the shareholders. By order of the Directors,
mbard-street,

HENRY LUARD, General Manager.

TELEGRAPH WIRE,

MESSRS. FULLER AND HORSEY are instructed to SELL, BY

AUCTION, on Monday, the 25th February, at Twelve o'clock, at the Auction

Mart. Bartholomew-lane, London, in lots, without reserve, EIGHTY MILES of

TELEGRAPH WIRE, INSULATED, No. 16 copper wire, in No. 5 Gutta Pereha

casing, manufactured by the Gutta Percha Company, City-road; adapted for subter
ranean or submarine telegraph, and now lying at Ootton's Wharf, Tooley-street.

To be viewed at any time by order, which, with catalogues, may be had of Messrs.

Goddand and Eyrae, solicitors, 161, Wood-street, Cheapside; or of Messrs. Fuller

and Horsey, 13, Billiter-street, City, London.

MINING AND ASSURANCE SHARES.

MR. LEREW is directed to SELL, BY AUCTION, at Garraway's, on Tuesday, the 26th February, at Twelve for One, in lots; 325 SHARES in the SEVERN LEAD AND COPPER MINES, which have now nearly 20 tons of ore dressed and ready for the market, and are expected to make a regular quarterly return, and thus prove a most desirable means of investment. Also, 30 \$20 SHARES in the PRUDENTIAL MUTUAL ASSURANCE INVESTMENT ASSOCIATION. Printed particulars and conditions of sale may be had at Garraway's; and of the auctioneer, Cardington-street, Hampstead-road.

NORTHAMPTONSHIRE.

NORTHAMPTONSHIRE.

31 Equitifity.—IMPORTANT PREEHOLD ESTATE, ABOUNDING WITH IRONSTONE; and the BUGBROOKE IRONSTONE WORKS, established thereon, a few miles from the Weedon Station, with tramway and siding into the London and No.-Western Railway.

MESSRS, PLEWS AND WALL are directed by the Assignees of March, at Twelve, the valuable FREEHOLD PROPERTY known as the DIRT HOUSE ESTATE, situate at Bugbrooke, comprising about 40 acres, with residence and farm buildings. The estate abounds with ironstone, for the working of which there are established the BUGBROOKE IRONSTONE WORKS, with wharves for coal, coke, and line, and all the numerous buildings necessary for carrying on an extensive trade; together with brickfields, having an almost UNLIMITED SUPPLY of the BEST BRICK EARTH, brick and tile klins, sheets, and other suitable erections. The contiguity of the property to the railway, with its IRON TRAMWAY and SIDING, the high road to the north, and the Grand Junction Canal, give to the estate peculiar facilities for both land and water carriage, while the distance of the property from any similar works, and its immediate vicinity to the WEEDON ARMY LOTHING DEPOT, now about to be very considerably enlarged, secures to this property almost unrivalled facilities for developing its MINERAL PROPERTIES.

The estate may be viewed any day previous to the sale, where particulars, with plans, may be had, as well as at the principal inns at Northsmpton and Weedon; and in London, of Messrs, Lawansec, Plexws, and Boyns, 14, Old Jewry, Chambers; of J. Nicholson, Eaq., official assignee, 24, Basingball-street; and of Messrs, Plexas and WALL, and Ciapham-road.

TO IRONMASTERS, COAL MASTERS, AND OTHERS.

SALE OF VALUABLE COPYHOLD PROPERTY, WITH IMPORTANT COAL MASTERS, AND OTHERS.

M. R. WILLIAM JONES WILL SELL, BY AUCTION, at the Crown Hotel, Bridgenorth, on Monday, the 17th March, 1836, at Five o'elock in the afternoon, subject to conditions then to be produced, WHITWELL'S END ESTATE, in the parish of Upper Areley, in the county of Stafford, situate from Kidderminster four, Bridgenorth ulne, Bewdiey four, and Stourbridge seven miles. This important property, which abounds with valuable COAL and OTHER MINES, contains by admeasurement 43 acres of good MEADOW, PASTURE, and ARABLE LAND, with substantial and convenient house and buildings, of which possession may be had at Lady Day next. Further particulars in future papers.

MINE MATERIALS FOR SALE.—TO BE SOLD, BY PUBLIC AUCTION, on Wednesday, the 27th day of February, 1856, by Two o'clock in the afternoon precisely, at WHEAL BAWDIGN, St. Teath, Cornwall, the following MATERIALS:—A WATER. WHEEL, 30 ft. diam., 3½ ft. breast, nearly new, with cast-iron sockets and asie, crank and wood stand, with brasses and bearings; the axle is adapted for two cranks, or any other appendage. Together with 5 13 in. 9 ft. pumps; 1 12 in. windbore; 8 9 ft. 9 in. pumps; 1 2 in. 5 ft. windbore; 1 3½ ft. clack doorpiece; 1 12 in. windbore; 8 9 ft. 9 in. pumps; 1 sin. 9 ft. windbore; 1 3½ ft. clack doorpiece, with seatings, prongs, pump rods, joints, rings, boits and bars. &c. Both wheel and pumps are nearly new.—For particulars, apply to Capt. W. Praynoss, Pengelly, St. Teath.

prongs, pump rods, joints, rings, bolts and bars, &c. Both wheel and pumps are nearly new—For particulars, apply to Capt. W. PERMOSE, Pengelly, St. Teath.

CORNWALL.—ST. AUSTELI. FOUNDRY.—TO ENGINEERS, IRONFOUNDERS, AND CAPITALISTS.—TO BE SOLD, BY AUCTION, on Wednesday, the 5th day of March next, and consecutive days, to commence on each day at 10 o'clock (miless previously disposed of by private contract, of which due notice will be given), subject to such conditions as shail be then and there produced, ALL the extensive and valuable PREMISES and PROPEETY, known as the ST. AUSTELL FOUNDRY, situate in the town of St. Austell, in the county of Cornwall; together with the THREE several POLICIES OF ASSURANCE hereinafter mentioned, viz.—in one lot:—

The entire premises, consisting of TWO SPACIOUS FOUNDRIES, known as the HIGHER AND LOWER FOUNDRY, the Higher Foundry being held for the remainder of a term of 99 years, granted by indenture dated 25th March, 1846, now determinable on the deaths of Jane Carne Hodge, aged 17 years, and Richard Hodge, aged 18 years, at the yearly rent of 525 10s. for the first 21 years of the said term, and 570 for the remainder. The Lower Foundry, held for the remainder of a term of 99 years, granted by indenture of the same date, and determinable on the same lives, at the yearly rent of £35; together with the large yards, enginc-houses, fitting-up, smits, carpenters, and pattern-makers' shops, warehouses, counting-houses, and other buildings; and the whole of the valuable plant, fixtures, and stock in trade of every description, in large quantities, an inventory whereof is hereinafter referred to. And also a POLICY OF ASSURANCE for £700, on the life of the said Jane Carne Hodge, in the Scottish Equitable Life Assurance Office, 18th March, 1855. And also a POLICY OF ASSURANCE, on the -ame life, for £500, granted by the Clerical, Medical, and General Life Assurance Office, 18th March, 1855. And also a POLICY OF ASSURANCE, of the ame date, on the life of the said Richard Hodge, for £500, i

All the machinery is worked by water-power, of which there is an abundant and never-failing supply.

And also the said POLICY OF ASSURANCE for £700.

Lor 2.—The LOWER FOUNDRY, consisting of fitting up shop, smiths' shops, steam-engine and boiler-bouses, counting-house, and spations yard, with all the valuable fixtures and plant, consisting of the most modern machinery of every description. These premises have also, in addition to the steam-power, a good supply of water, by which a portion of the machinery is worked.

And also the said TWO several POLICIES, each for £300.

The whole of the above-mentioned extensive and valuable stock in trade, together with such parts of the machinery as may remain undisposed of, will be offered for tale separately, in such lots as may suit the convenience of purchasers. At the same time will be sold an excellent Nasmyth's Hammer, nearly new, weighing 30 cuts, with 3 ft. stroke, about 7 tons boiler, crane, and other requisite appendages complete.

ing 30 cwts., with 3 ft. stroke, about 7 tons boiler, crane, and other requisite appendages complete.

The above presents an opportunity for investment rarely offered, the premises being very spacious, the machinery not to be excelled, the situation of the works most advantageous, being surrounded by extensive copper, tin, iron, and other mines, and china clay and china stone works in full operation; and from the proximity of St. Abstell to the ports of Charlestown, Par, and Pentewan, means are available to the works for carrying on, as hitherto, by the late proprietor and his predecessors for upwards of 40 years, an extensive and lucrative business, supplying wast quantities of machinery of various descriptions to all parts of the world.

For further particulars, to view, and for catalogues containing minute descriptions of each lot, apply to Mr. J. J. Gemmon, of St. Austell, executor of the late proprietor, Mr. J. F. Hodge, deceased; or to Messrs. Coods, Soss, and Shillson, solicitors, St. Austell.—Dated St. Austell, Feb. 13, 1856.

P.S. The catalogues will be ready, and may be had on application, on and after the 23d instant.

the 23d instant.

KIDDAW AND BLENCATHERA MINES, NEAR KESWICK, CUMBERLAND.—MACHINERY FOR SALE, BY PRIVATE CONTRACT, consisting of 20 ft. WATER-WHEEL, 3 ft. broad, nearly new, and very substantially built, crank, connecting rods and bob, sole trees, &c.; 12 fms. of 7½ in. pumps; 12 fms. of 1½ in. rods; 12 fms. of 1½ ins. of 1½ in. pumps; 12 fms. of 1½ in. rods; 12 fms. of 12 fms. of 1½ in. pumps; 12 fms. of 1½ in. rods; 12 fms. of rods, which will be said, &c.; 1 eru-hing mill, with 1 pair of plain rollers and fittings; tubs, buddles, and washing materials; smithstools; a quantity of mining tools; horee-whim, kibbles, rope, &c; canb winch; bucket doorpiece; spare timber; iron, &c.
The directors are empowered to treat with any respectable party for the transfer of the sett, containing many promising lead and copper lodes, from which about £600 worth of ore has been sold by the present company.

The mines and machinery may be seen on application to Capt. Jos. Spark, Keswick; and farther particulars may be had on applying to Mr. Jos. Hawson, secretary, Cockermouth, Cumberland.

WHEAL LUCY, IN THE PARISH OF BLISSLAND, IN THE COUNTY OF GORNWALL.—TO BE DISPOSED OF, THREE-FIFTHS of the INTEREST in this MINE. The lodes have just been opened, and present the most promising appearances. The main lode is nearly north and south, earrying an exceedingly strong lead gosson, some of which has been assayed, and produces 26 uzs. of silver to the tom. It is a killas stratum, at the foot of an extensive grantic range. But little machinery will be required for some time, as an adit may be brought in to intersect the lode at a depth of about 30 fms.—Apply to Mr. R. Roderns, Bissland, Bodmin.

WHEAL SUSAN, SITHNEY, CORNWALL .- TO BE SOLD 9 W. Stroke, equal beam, with one boiler about 8 tons, 24 head stamps, two first wheels &c., complete, and in first-rate condition, together with all the woodwork of engine house and boiler-house, &c.—Application to be made to Mr. Frass. Dayrell, Camborne; Mr. John Busacses, auctioneer, Burncoose, Redruth; er, Mr. H. V. Næwton auctioneer, printer, &c., Camborne.

TO BE LET, for such a term of years as may be agreed on, the LONG BENTON COLLIERY, near Newcastle-upon-Tyne, the property of the Right Hon, the Earl of Carlisie. At this colliery, the High Main Seam has been securely tubbed off, and the shafts are sunk to the Low Main Seam, which has been recently extensively opened out. The engines, screens, and other stock upon the colliery may be taken at a valuation.—Purther information can be obtained on application to Mr. Liddell, Benton Grange, near Newcastle-on-Tyne.

RANITE QUARRIES.—TO BE LET, the GROBY GRANITE QUARRIES, in the county of Leleester. These well-known quarries have been lately re-opened, and are now at work. The stone is of the hardest and finest quality for all paving and other purposes. It has been largely used in London, and was for many years supplied to the Commissioners of the Metropolitan Roads, and considered quite equal to the Guernesey granite. The quarries are capable of being very largely worked, and are well situated for conveyance of the stone.—Apply to Mr. Harsis, manager, Groby Granite Quarries, near Leicester; or to Mr. John Pranson, mining agent, Kingawinford, near Stourbridge.

THOMAS CRAVEN AND 80N, ENGINEERS AND TOOL MAKERS, respectfully call the attention of railway companies, engineers, shipbuilders, and others, to their complete STOCK of MECHANICAL TOOLS, NOW ON HAND, comprising powerful Lathes, Pianing and Shaping Machines, dec. Also, Vertical and Horizontal High-pressure Steam-Engines, from 4 to 20-horse power, in stock and in the course of erection; and all sizes of Dohkey Engines, for pumping and supplying large boilers with water. Circulars, drawings, and specifications, may be had by addressing to the offices and warehouse, 33, Lower King-st., Manchester; Works at Collyburst, near Manchester.

TO SHIPBUILDERS, ENGINEERS, &c.—ON SALE, ONE NEW STRONG SELF-ACTING PLANING MACHINE, will plane 10 ft. long. 6 ft. wide, and 4 ft. high, complete in all its parts. ONE NEW POWERFUL SLID. ING and SCREW-CUTTING LATHE, bed 20 ft. long, headstocks 14 in. to centre, serew whole length of bed, complete, with change wheels, &c.—For particulars and prices, address to 33, Lower King-street, Manchester.

TO BRICKMAKERS, BUILDERS, CONTRACTORS, AND OTHERS.—REVOLVING BRICK AND TILE PRESSING MACHINE.—We wish to draw the attention of the above parties to the NEWLY PATENTED PRESSING MACHINE, for all kinds of PLAIN and ORNAMENTAL BRICKS, TILES, QUARRIES, &c. The simplicity and durability of the above machine far exceeds any now in use; one man and two boys will, with case, press and carry away 650 bricks or quarries of a superior quality por hour, with much less labour to the workmen, also reducing the cost of manufacturing 30 per cent. less than the machines previously made.—For particulars and drawings, address to Thowas Craves and Sox, 33, Lower King-street, Manchester.

and sox, 33, Lower King-street, Manchester.

TO BE SOLD, BY PRIVATE CONTRACT, the KENDON COLLIERY, situate within about 600 yards of the loop line at Crumlin, twelves miles of Newport, and in a position to form a branch therefrom to a proper tipping-place at the western end of Crumlin Bridge with but very little expense. There is now unworked of the above taking about 60 acres of Mynyddislwyn Lower Vein, and about 30 acres of the Mynyddislwyn Upper Vein of Cosi, well known to be of red sit and most superior quality, the greaty of the site of colliers to be weighing machine, tagether with incline-chain, sheave, &c., necessary to carry on a colliery at the rate of, at present, 40 tons per day. A few trucks may be purchased, if required.

To view the colliery, inspect a map of the same, with all other particulars, apply to Mr. David Thomas, mineral engineer and surveyor, Newbridge, near Newport, Monmouthshire.

VALUABLE MINERAL PROPERTY TO BE DISPOSED OF.—
The OWNER of the estate of TRETOIL, situate in the parish of Laniver, near Bodmin, Cornwall, is willing to DISPOSE OF THE SAME IN FEE, or to GRANT a MINING LEASE thereof on advantageous terms.

The property is in the occupation of Mr. Thos. Prophet, as tenant thereof, and consists of a good farm-house, barn, and convenient out-houses, and about 40 acres of excellent land, with an undivided right over about 50 acres of common adjacent. The MINERAL RIGHT'S consist of a moisty of all minerals, &c., to be found under the said estate, and the like share of all minerals, &c., to be found under the said estate, and the like share of all minerals, &c., to be found under the said estate, and the like share of all minerals ander the common.

These premises are well known to abound with minerals of the best quality, and present every facility for working on a large scale, at comparatively small expense. Large lodes of copper were some few years since opened and worked with great profit to the proprietor.

To treat for the purchase, apply to Messrs, T. and H. Hawwoop, Penrose, &t. Leeg, Cornwall; or to Mr. Whitrsetkin, conveyancer, St. Columb, Cornwall; where specimens of the ores produced by the former workings may be inspected.

TRONWORKS IN CUMBERLAND TO BE DISPOSED OF

RONWORKS IN CUMBERLAND TO BE DISPOSED OF

RONWORKS IN CUMBERLAND TO BE DISPOSED OF.

I. The UNEXPIRED TRRM of the LEASE of the SEATON IRONWORKS, at Workington, Cumberland, comprising about 14 acres of land, held under a lease, at a nominal rent, having six years to run, consisting of a blast furnace, with blowing engine and hot-blast apparatus; forges and mills for rolling bars, sheets, and boiler plates; and a TIN-PLATE WORK, capable of producing 490 to 500 boxes per week. Also, eleven workmen's bouses, and two excellent managers' houses, with large and productive gardens. These works have the advantage of both steam and water-power, and the whole is most eligibly situated close to a railway, a branch of which goes into the works, and with every facility for the cheap supply of argiliaceous iron-tone, coal, and hematite iron ore. The above is in excellent condition, and may be immadiately put to work at a very small expense, the engines and machinery being all nearly quite new.

2. Also, together, or separately, a FREEHOLD FORGE and ROLLING MILL, in the immediate neighbourhood of the above, situated close to the Workington Harbour and Railway Station, and called the DERWENT IRONWORKS, consisting of a complete set of rolls for puddled and finished iron, shinglers, hammers, shears, &c, worked by a steam-engine, and capable of producing 30 to 70 tons of bars weekly. For further particulars, apply to Mesers, W.M. Birds and Co., iron merchants, London, or Glasgow; Mesers. McEwax and AULD, accountants, Glasgow; or to Para Cambrook, Eq., Whitehaven.

MPORTANT TO IRONMASTERS.—Several portions of the IRONSTONE and IRON ORES on the MULGRAVE ESTATE, near Whitby, belonging to the Marquis of Normanby, are still unlet, and may NOW BE TAKEN on advantageous terms. This immense seam runs for about five miles along the cliff facing the German Ocean, is from 8 to 15 ft. in thickness, and is allowed by competent authority to be much the richest fronstone yet discovered in Cieveland. It is within 16 miles (by sea) of Hartleppol, and 29 of Middlesbro'—both the above places now becoming celebrated for the manufacture of from. The seam will be divided as at 0 suit companies; and further information may be obtained on application to Mr. Kran, at Lythe Hall Office, near Whitby; or of Mesers. Leman and Co., 51, Lincoln't Inn-fields, London.—Lythe Hall. Dec. 11, 1855.

Inn-fields, London.—Lythe Hall. Dec. 11, 1855.

MPORTANT TO CONTRACTORS, CANAL COMPANIES, &c.—

R. and J. COUPE are NOW OPEN to ENTER INTO CONTRACTS for the SUPPLY of their PUMPS, with motive power (steam-engine), which are so simple in form, strong in construction, powerful in their effects, and moderate in price, being within two-thirds of the cost of ordinary machinery for pumping. For raising and forcing large or small quantities of water from 10 ft. to 100 yards, they are unrivailed, and are, therefore, most eminently qualified for the drainage of lake, marshes, and graving docks, &c., and the supplying of canals, fountains, &c. Thes pumps are of the ordinary barrel form; and this of itself is sufficient to prove their superiority over centrifugal pumps, which, under a pressure of a couple of pounds to the square inch give an average duty of 50 per cent. on the power employed, which average keeps decreasing, until, under a pressure of 50 or 60 lbs., their effective duty is so little as to render them commercially valueless. R. and J. Courk, wayrant their pumps to give out 50 per cent, of the power employed, either under a pressure of 3 lbs, or 100 lbs. Lakes containing a known quantity of water drained for a fixed down and commenced working for a specific sum.—Apply to R. sand J. Courk, Clayton Foundry, Wigan.

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286 Spearne Moor (copper), St. Just - 231. 7s. 8d 3.0 0 1 0 0—Dec. 1855. 1024 St. Aubyn and Grylls (cop., tin), Breage 31. 17s. 8\(\frac{1}{2}\) 234 234 0 17 6 0 7 6 —April, 1852.	10245 Leeds Town (tin, cop.), Crowss £3 9 3 256 Wheel Betsy (tin 1024 Leiant Cousois (tin) 25 5 5 5 5 5 5 5 5	p.), Tavistoek 3 % % r), Redruth 10 % 10 op.), Calstock 5 % 5 43
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## AirNes Witch Have Price, Present. 6000 Abbey Consols (lead) Paid, Last Price, Present. 6000 Camder Mawy (lead, copper). £1 2 — 305 2360 Camder Mawy (lead, copper). £1 2 — 312 Camel Quarry . 305 2360 Camel Quarry . 306	**. In accordance with an announcement to that effect, we have removed the prices from rations have not been forwarded, or the price given confirmed, for a period of one motone difficulty,—that of purchasers or sellers being deceived by the quotation in the confirmed, in the confirmed price in the confirmed price into more frequent communication with regard to any alteration in the present adventures; and, we need hardly add, that we shall be happy to fill up all the blanks, siness has actually been transacted, guaranteed by the name and address of our correspondent.	We hope, also, to bring the parti- position or prospects of their res- on receipt of the quotation at whi
4660 Callington (id., cop.), Callington 8 2½ 1½ 1½ 15000 Cubert (silver-lead), Cornwall 2½ ½ 2½ 25000 Cubert (silver-lead), Cornwall 2½ 25000 Cubert (silver-lead), Cornwall.	siness has actually been transacted, guaranteed by the name and address of our corresp London: Printed by Richard Middleron, and published by Henry English (the prop Sterr, where all communications are requested to be addressed.—	
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